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Now that warmer weather is here (or just around the corner, depending on where you are), you may be inspired to go outside for some much-needed fresh air. Let this issue of GAMES WORLD OF PUZZLES inspire you to bring your puzzling to the great outdoors!
Stephen Sniderman's feature article, "Big Game Hunter" (page 34), describes his attempts at devising games for large groups of players-for example, at a summer camp or on a nature hike. He discusses the pros and cons of having a large group of playtesters. This is an interesting, informative read for amateur game designers from an author with 40plus years of experience in game and puzzle design. Of course, several of Sniderman's puzzles are included.

Sudoku fans will want to check out Raymond Young's "Dungeon Sudoku" (page 41), an interesting twist on the popular puzzle in which you must defeat the monsters to escape the dungeon. (In fact, we liked the concept so much that we used it for this issue's cover design!) On the other hand, if you're a crossword enthusiast, turn to "Game On!" (page 48) to read Raymond Simon's tribute to beloved constructor Maura Jacobson, who passed away in December of last year. We've also reprinted one of Jacobson's crosswords, "Gamesmanship," on page 52. That puzzle originally appeared way back in the May/June 1980 issue of GAMES. Please note that the puzzle appears almost exactly as it was printed 38 years ago. Test your wits against an example of work from a prominent cruciverbalist who was ahead of her time.
Other highlights of our Pencilwise section include Erich Friedman's "Map Properties"(page 10), a mental workout for geography aficionados, and "Seven by Seven" (page 49), a word-forming challenge by former GAMES editor in chief R. Wayne Schmittberger. If you can solve all those puzzles, try your hand at the super-tough contest of the same name on page 44.

Finally, an announcement: If you enjoyed Steven Meyers' puzzle "BoxOff," which appeared most recently in our February 2018 issue, the BoxOff app for Android is now completely free, with no ads and no in-app purchases. Players can choose among all six graphical themes right away.

Happy puzzling!


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## Mixed Doubles $!$

Each answer word in this crossword variation has two clues leading to it, using different meanings of the word. The clues are separated into Across and Down, but are otherwise ordered randomly.
When you find two Across clues or two Down clues that seem to have the same answer, add up their clue numbers to determine the place in the grid where the answer should be entered. For example, if the clue for 1-Across were "Metallic element" and the clue for 17-Across read "Starring role," the answer would be "lead," which would go in the box labeled $18(1+17)$. Note: Tags such as "Hyph." and " 2 wds." have been omitted.


## ACROSS

1 Like a note that isn't sharped or flatted
2 Sweetie
3 Signed up for military service
4 Margarita ingredient
5 Animal on a bygone nickel
6 Don't allow to score
7 Bakery confection
8 Bat mitzvah settings
9 Bewildered
10 Song featured in Pee-wee's Big Adventure
11 Suddenly lost control
12 Wrote a first version of
13 For less money than the purchase price

14 Lowest of four on a violin
15 Prevent from entering
16 Person with innate ability to do something
17 Thong
18 Broke cleanly in half
19 Bills' home
20 Areas on the sides of the forehead

## DOWN

1 Group of teams
2 Meet a necessary condition
3 New York City borough
4 Designate money for a specific purpose
5 Manages

6 The S\&P 500 and the Dow Jones, for example
7 Increases in intensity
8 Characteristic feature
9 Take a sudden plunge
10 Back-of-book lists
11 Further explain, as an answer
12 Instruction manual components
13 Area under the fingernail
14 Speedy
15 Powerful chess pieces
16 Brings to room temperature, maybe
17 Make a quick delivery
18 What Fitbits count
19 Unit in a Jules Verne title
20 Shopping bag features

There is one place for each letter of the alphabet in the 26 empty squares of each blank column in the diagram below. Fill in each letter so that a word of at least five letters is formed reading across only. Not all of the letters to the left and right of the empty box are used; it's up to you to determine which ones are needed to complete familiar words. Some letters may fit in more than one of the empty squares to complete words, but we only came up with one arrangement that would complete a word in each row. Maybe you'll find a better solution. Proper names are not allowed.


| L | 1 | T | H | G | R | A | H | Y | X | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| U | T | P | H | L | A | N | P | X | Q | T |
| F | F | 1 | F | A | C | Q | E | R | P | A |
| H | O | U | S | M | A | 1 | F | U | J | U |
| A | D | 0 | W | P | L | A | 1 | J | G | Q |
| T | K | F | S | 1 | G | H | E | R | A | H |
| S | C | J | V | 0 | P | 0 | 0 | G | Y | M |
| T | V | N | N | U | 1 | B | L | E | R | V |
| A | W | E | E | N | 1 | G | T | A | Z | M |
| E | H | A | D | A | C | E | T | K | S | H |
| S | G | A | L | A | N | 1 | E | D | Z | V |
| W | C | 0 | M | U | N | 1 | U | E | 0 | F |
| G | L | J | E | E | L | E | P | Y | R | T |
| H | H | Q | Y | R | 0 | W | E | R | C | G |
| A | N | A | L | E | S | 1 | J | C | E | D |
| Y | A | Y | P | 1 | M | M | S | T | K | E |
| C | T | 0 | E | P | U | R | A | T | E | A |
| S | N | 1 | M | E | D | 1 | E | N | T | L |
| 1 | Q | C | S | N | D | R | M | E | D | W |
| F | A | V | B | A | 1 | N | A | S | H | M |
| P | M | M | A | A | R | A | A | H | W | 1 |
| J | O | P | 1 | Z | E | R | A | N | B | N |
| F | L | C | A | S | 0 | W | R | Y | V | S |
| G | W | J | C | R | S | 1 | E | X | N | R |
| H | G | 0 | S | 0 | R | N | U | L | X | W |
| Z | F | R | U | T | C | A | E | G | K | V |

[^0]
## Pencil Pointers 1

In this crossword puzzle, the clues appear in the grid itself. Enter the answers in the direction of the pointers. ANSWER, PAGE 70

| Hold back laughter | As of this moment | Do it wrong | Kilmer's "Trees," for one | $\checkmark$ | $\begin{aligned} & \hline \text { Subside } \\ & \hline \begin{array}{l} \text { Small } \\ \text { river } \end{array} \end{aligned}$ | $\begin{aligned} & \text { Séance } \\ & \text { state } \end{aligned}$ | People giving tirades | Gia star Jolie | $\checkmark$ | Tour de France activity | Prefix meaning "half" | Walked (on) | Snapshot, casually | Big Antarctic bird | Single cartoon frame | Mag staffers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\checkmark$ | $\checkmark$ | $\checkmark$ |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Top-tier |  |  |  |  |  |  |  |  |  | Wore away, as soil |  |  |  |  |  |  |
| Like uncaged poultry |  |  |  |  |  |  |  |  |  | $\begin{array}{\|l\|} \hline \begin{array}{l} \text { B\&B } \\ \text { relatives } \end{array} \end{array}$ |  |  |  |  |  |  |
| $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Play a } \\ \text { role } \end{array} \\ \hline \end{array}$ |  | Made up of thin strands |  | Go into | - |  |  |  |  | Pop hero |  |  |  |  | Relating to the heart | "In all honesty" |
| $\checkmark$ |  | $\checkmark$ | Spring holiday | Fast Amtrak service | - |  |  |  |  | Making mixed up | Mean Roman emperor | Bit of rain | French for "here" |  | $\checkmark$ | $\checkmark$ |
| $\begin{array}{\|l\|} \hline \text { U.S. } \\ \text { living } \\ \text { ideal } \end{array}$ |  |  | $\checkmark$ |  |  |  |  |  |  | $\nabla$ | $\checkmark$ | $\checkmark$ |  |  |  |  |
| Stepford creator Levin |  |  |  | Italian city on the Arno | Picnicinvading insect | $\begin{aligned} & \text { Dee of } \\ & \text { Twisted } \\ & \text { Tister } \end{aligned}$ |  |  |  |  |  |  | Lead-in to eminent |  |  |  |
| Big name in motor scooters |  |  |  | $\checkmark$ | $\checkmark$ | Sarah Michelle - | Milky Way's neighbor |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | $\checkmark$ | Least wealthy | Mushy, gooey f00d | - |  |  |  | Anaïs of risqué diaries | - |  |  |
| $\checkmark$ |  |  |  |  |  |  | $\checkmark$ | cum | Shoe part |  | Stickyfooted lizards | Singing syllable | Pistol, in slang |  |  |  |
| $\begin{aligned} & \text { Dame } \\ & \text { Hess at a } \\ & \text { piano } \end{aligned}$ |  |  |  |  | Drifting apart, as friends |  |  | $\nabla$ | $\checkmark$ |  | $\nabla$ | $\checkmark$ |  |  |  |  |
| Ledger entry in red |  | Judas, to Jesus | Cold Lipton product | Cards used by psychics | Couch potato |  |  |  |  |  |  |  | Have a short slumber |  | Having been warned |  |
| $\checkmark$ |  | V | $\nabla$ | $\nabla$ | $\begin{aligned} & \text { Provides } \\ & \text { with } \\ & \text { weapons } \end{aligned}$ |  |  |  |  | $\begin{aligned} & \text { Is } \\ & \text { unable } \\ & \text { to } \end{aligned}$ |  |  | $\checkmark$ |  | $\checkmark$ |  |
| $\begin{array}{\|l\|} \hline \begin{array}{l} \text { Octa- } \\ \text { plus } \\ \text { two } \end{array} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  | Supplied with a staff |  | Loch monster moniker |  | Mean (to) |  | Big foodstore chain |
| P |  |  |  |  | $\begin{aligned} & \begin{array}{l} \text { Drive } \\ \text { rudely } \\ \text { (out) } \end{array} \end{aligned}$ | $\begin{aligned} & \text { Color } \\ & \text { similar to } \\ & \text { coral } \end{aligned}$ |  |  |  | V |  | V |  | $\checkmark$ |  | V |
|  | $\bigcirc$ |  |  |  | $\checkmark$ | Oftentwisted cookie |  | $\begin{aligned} & \text { Soothe } \\ & \hline \begin{array}{l} \text { Headed } \\ \text { out } \end{array} \\ & \hline \end{aligned}$ |  |  |  |  | And not <br> $\begin{array}{l}\text { And so } \\ \text { on: Abbr. }\end{array}$ |  |  |  |
| Bit of skin art | $\rightarrow$ |  |  |  |  | $\checkmark$ | $\begin{aligned} & \text { Mop \& } \\ & \text { (floor } \\ & \overline{\text { cleaner) }} \end{aligned}$ | $\checkmark$ | Mined metal |  | Brief brawl |  | $\checkmark$ |  |  |  |
| $\begin{aligned} & \text { LASIK } \\ & \text { expert, } \\ & \text { say } \end{aligned}$ | $\bigcirc$ |  |  |  |  |  | $\checkmark$ |  | $\checkmark$ |  | Shrek! author William | - |  |  |  |  |
| Meadow |  |  |  | Personal autonomy |  |  |  |  |  |  |  |  |  |  |  |  |
| 52-wk. periods |  |  |  | Honked | $\bigcirc$ |  |  |  |  |  | Born earlier | > |  |  |  |  |

## Ten-Pack

See if you can beat our score by packing this grid with words using only the 10 letters provided at the foot of the page. You may use any letter as often as you like, but don't use the same word twice in the grid. This includes singular and plural versions of the same word, inflected versions of a word (such as LOVE and LOVED), and variant spellings of the same word. Use any word in a standard dictionary, including slang, but don't use capitalized or foreign words, contractions, abbreviations, acronyms, prefixes, or suffixes.
After completing the grid, calculate your score by adding up each Across row; our high score was 334 ...but we were a little off that day.


$$
\begin{array}{llllllllll}
\frac{1}{E} & \frac{2}{V} & \frac{3}{H} & \frac{4}{A} & \frac{5}{L} & \frac{5}{D} & \frac{4}{M} & \frac{3}{S} & \frac{2}{O} & \frac{1}{G}
\end{array}
$$

## Working Titles

## ACROSS

1 Rapper 50 $\qquad$
5 Speak like Daffy Duck
9 Photographer's request
14 Rapunzel's "ladder"
15 Fascinated by
16 Firefighting equipment
17 Teen's skin woe
18 RR stops, for short
19 Regulations
20 Billy Joel song of 1974: 2 wds.
23 Always, poetically
24 TV's talking horse 2 wds .
25 Scattered about
29 Canine cry
30 Life story, for short
33 Eat away
34 Spider-Man or Superman
35 Some flea-market merchandise
36 Beatles tune that hit \#1 in 1966: 2 wds.
39 Pastry chef, at times
40 Signs, slangily
41 Word on many a detergent bottle
42 Two-time loser to DDE, briefly
43 Pop artist Warhol
44 Coves

45 Mischief Night missiles
46 Shakespeare's Much ___ About Nothing
47 1960s TV show theme sung by Johnny Rivers: 3 wds .
54 Lake craft
55 Bit of fish food
56 Verdi opera set in Egypt
57 Nimble
58 Young or Diamond
59.035 ounce

60 Crossed a creek
61 Barely passing grades
62 Identical
DOWN
1 Talk online
2 "To his own"
3 Number of innings, usually
4 Nest site
5 Lend an ear
6 Bury
7 Celebrity
8 Cancellation stamps on an envelope
9 Horror film sound
10 Pitcher's place
11 Land in the sea
12 Sly look
13 Tricky road curve
21 More recent
22 Bow's mate
25 Old photo tint

26 Use a stencil
27 Boxing ring borders
28 German river
29 Tom Sawyer's sweetheart Thatcher
30 Montana mining city
31 Sluggish
32 Gumbo veggies
34 Gymnastic feat


47 Long, long story
48 Oklahoma city
49 Away from the wind
50 Shirt inserts
51 Actress Sorvino
52 First person? 53 $\qquad$ -brand (not generic)
54 Sound from a crow

## Cubeyholes !

BY MARGERY ALBIS

If you've got a couple of spare moments, here's a quick mental workout. In the puzzle below, fill in the missing letter in each of the words; at first there may appear to be several choices. But select your letters carefully, because the next step is to transfer the letters you picked to the corresponding numbered boxes so that the result is a familiar 10-letter word. ANSWER, PAGE 70
4. G O O __

1. __LACK
2. BRI $\qquad$ E
3. $\mathrm{WH} \_\mathrm{LE}$
4. $\qquad$ RIP
5. $\qquad$ MBER
6. CHO $\qquad$ E
7. $\qquad$ ROUND 2.
8. B A L
$\qquad$ E
9. PLA
,

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Kid Stuff 9

## COLOR COORDINATION

Wow-just look at this rainbow of dazzling colors! Can you place the colorful words below into the grid so that they interlock as in a crossword puzzle? When you're done, each color will have been used exactly once. One word has been filled in to start you off. (Note: Ignore the spaces in IRON GRAY and SEA GREEN, and write them in the grid as if they were single words.)

ANSWER, PAGE 71


## JUST PLAYING AROUND

The names of 22 musical instruments are hidden in this word search. Look across, down, and diagonally (both forward and backward), and circle each instrument you find. The word HORN has been circled as an example.
When you've found all the instruments, write the uncircled letters from the grid on the blank spaces below it. Keep the letters in order, from left to right and top to bottom. If you do everything correctly, you'll discover the answer to this riddle: WHY DID THE BOY PUT HIS HEAD ON THE PIANO? ANSWER, PAGE 71


| ACCORDION | KAZOO |
| :---: | :---: |
| BANJO | MANDOLIN |
| BUGLE | OBOE |
| CORNET | ORGAN |
| DRUM | PIANO |
| FIFE | PICCOLO |
| FLUTE | TAMBOURINE |
| GUITAR | TRUMPET |
| HARMONICA | TUBA |
| HARP | VIOLIN |
| HORN | ZITHER |

RIDDLE ANSWER:
$\qquad$
$\qquad$
$\qquad$




To solve Quote Boxes, drop the letters from each vertical column-not necessarily in the order in which they appear-into the empty squares below them to spell a quotation reading from left to right, line by line. Words may continue from one line to the next; black squares indicate ends of words. The author of each quote is given above its grid.

1. NELSON HENDERSON

| F | E | N | R | S | W | T | X | P | M | C | T | H | T | N | G | S | 1 | F | U | L | U |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| O | D | E | O | T | R | H | O | S | E | E | A | N | A | O | E | R | Y | O | S |  | D |
| N | H | E | 1 | T |  | U | O |  | E | L | S | N | T | D | T |  | $\bigcirc$ | E |  |  | I |
| T |  |  |  |  |  | E | E |  | P |  | A |  | I |  |  |  | E | T |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## 2. CARLOS CASTANEDA

| C | L | O | O | N | C | E | E | O | T | F | L | A | R | O | R | V | G | V | H | S | H |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| E | O | U | C | U | U | G | L | I | R | E | A | L | O | R | R | I | N | D | E | A | N |
| E | T | N | E | R | U | S | H | I | O | S | A | O | U | N | I | L | I | O |  | T | V |
| F |  | C | R | L | R | S | I |  | N | T |  | E | T | E | I | N | N | G |  | I | T |
|  |  | H | E | O | Y |  |  |  |  | N |  |  | S |  | R |  |  | E |  |  | A |
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## 3. DIANE SAWYER

| B |  | G | G | S | B | V | $V$ | U | T | H | H | P | M | H | T | H | H | R | T | 1 | B | C | A | A | E | A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I |  | R | E | L | H | H | E | E | H | Y | Y | $\bigcirc$ | O | I | 1 | A | A | A | R | C | U | G | U | U | N | H |
| N |  | Y |  | A | O | N | N | E | R | D | D | 1 | O | R | L | I |  | T | 1 | 1 | N | K |  | L | T | I |
| N |  | N |  | N | O | 0 | O | E | L |  | 0 | U | T | U | E | R | R | E | P | N | C | L |  | E | E |  |
| $\bigcirc$ |  | D |  | T | E | M | M | U |  |  |  | Y | E |  |  | S |  |  | E | E | 0 | P |  | E | R |  |
| W |  | H |  |  | Y | Y 0 | 0 |  |  |  |  |  | D |  |  | S | S |  |  |  |  | R |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Your goal in these puzzles is to fence off a part of the grid with a closed circuit. Just draw a line from dot to dot (horizontally or vertically-never diagonally), continuing until you return to your starting dot. Each digit indicates the number of fence segments you must draw along the sides of that numbered square. The example at right shows a solved puzzle.

ANSWERS, PAGE 72
$\square$



The word "summer" can be defined as "something that sums," like a calculator...or an ABACUS. Fit all of the words and phrases listed below into the grid so that they intersect in standard crossword style. Each word or phrase contains two consecutive letters of $A B A C U S$ ( $A B, B A, A C, C U$, or US). When the puzzle is completed correctly, each word will be used exactly once. Need sum help getting started? See the hint on page 76.

ANSWER, PAGE 71


## R-ticulation

BY RAYMOND YOUNG

R you ready to search? Find the words and phrases listed below, all of which start with the letter R, in the R-shaped grid. Words can be found horizontally, vertically, and diagonally, always in a straight line. After you've circled them all, read the leftover letters from left to right and top to bottom to reveal a definition for the phrase "Ar ar."

ANSWER, PAGE 72


| RACHAEL RAY | RENE RUSSO | ROENTGEN RAY |
| :---: | :---: | :---: |
| RAW RECRUIT | REYNARD | ROLLS-ROYCE |
| RAYMOND | RHINE RIVER | RONALD REAGAN |
| REBEL ROUSER | RHOMBUSES | ROUND ROBIN |
| RED ROAN | RIB-EYE | ROWDYISM |
| RED ROSES | RICH RHYAST | ROY ROGERS |
| REFORGE | RIFLE RANGE | RUMP ROAST |
| RELAY RACE | RIGHT REVEREND | RUNS RIOT |
| RELIGION | ROAD RUNNER | RUSH-RUSH |

## Solitaire Hangman po

As in the two-player version of Hangman, the object of this solitaire challenge is to guess a word before being "hanged." To begin, choose any letter that you think might appear in word I below. Suppose you pick E. Go to the Letter Chart on the facing page and find the number listed in row E of Column I (because you are working on word I). The number is 88; you now look in box number 88 in the Position Chart (to the right of the Letter Chart) and locate the number 2. This means the letter E occurs in the second position (and nowhere else) in word I. If a letter occurs more than once in a word, the Position Chart will show all its locations.
If you find from the Position Chart that a letter appears in position 0 , then that letter does not appear in the word. As a penalty for an incorrect guess, you must draw part of a stick figure below the scaffold beside the blanks. On your first incorrect guess, draw the head; on the second, the body; and on the next four, the arms and legs. If you complete the figure (that is, make six incorrect guesses) before identifying the word, you are "hanged."

If you can identify 8 of the 12 words before being hanged, either you're psychic or you have a remarkable gift for words.

ANSWERS, PAGE 71

WORDS TO BE GUESSED
I.

$$
\overline{1} \overline{2} \overline{3} \overline{4} \overline{5} \overline{6} \overline{7} \overline{8} \overline{9}
$$

II.

III.

$$
\overline{1} \overline{2} \overline{3} \overline{4} \overline{5} \overline{6} \overline{7} \overline{8} \overline{9} \overline{10}
$$

IV.

$$
\overline{1} \overline{2} \overline{3} \overline{4} \overline{5} \overline{6} \overline{7}
$$

V.


LETTERS MISSED


## LETTER CHART



POSITION CHART

| $\frac{1}{9}$ | $\frac{\mathbf{2}}{1,10}$ | $\frac{3}{0}$ | $\frac{4}{7}$ | $\frac{5}{1}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{6}{0}$ | 7 | $\frac{8}{0}$ | $\frac{9}{7}$ | $\frac{10}{1}$ |
| $\frac{11}{5}$ | $\frac{12}{3}$ | $\frac{13}{4}$ | $\frac{14}{5}$ | $\frac{15}{0}$ |
| $\frac{16}{6}$ | $\frac{17}{5}$ | $\frac{18}{7,9}$ | $\frac{19}{9}$ | $\frac{20}{5}$ |
| $\frac{21}{5}$ | $\frac{22}{6,8}$ | $\frac{23}{0}$ | $\frac{24}{0}$ | $\frac{25}{2,3}$ |
| $\frac{26}{0}$ | $\frac{27}{6}$ | $\frac{28}{1,4}$ | $\frac{29}{9}$ | $\frac{30}{0}$ |
| $\frac{31}{5,10}$ | $\frac{32}{6}$ | $\frac{33}{8}$ | $\frac{34}{5}$ | $\frac{35}{8}$ |
| $\frac{36}{0}$ | $\frac{37}{0}$ | $\frac{38}{1,4}$ | $\frac{39}{8}$ | $\frac{40}{0}$ |
| $\frac{41}{3,6}$ | $\frac{42}{0}$ | $\frac{43}{2,8}$ | $\frac{44}{0}$ | $\frac{45}{3}$ |
| $\frac{46}{2,7}$ | $\frac{47}{4}$ | $\frac{48}{6}$ | $\frac{49}{5}$ | $\frac{50}{0}$ |
| $\frac{51}{0}$ | $\frac{52}{0}$ | $\frac{53}{1}$ | $\frac{54}{4}$ | $\frac{55}{4}$ |
| $\frac{56}{0}$ | $\frac{57}{0}$ | $\frac{58}{4}$ | $\frac{59}{5}$ | $\frac{60}{9}$ |
| $\frac{61}{0}$ | $\frac{62}{0}$ | $\frac{63}{2}$ | $\frac{64}{3,6}$ | $\frac{65}{0}$ |
| $\frac{66}{1}$ | $\frac{67}{0}$ | $\frac{68}{0}$ | $\frac{69}{0}$ | $\frac{70}{0}$ |
| $\frac{71}{0}$ | $\frac{72}{3}$ | $\frac{73}{10}$ | $\frac{74}{8}$ | $\frac{75}{2}$ |
| $\frac{76}{0}$ | $\frac{77}{1}$ | $\frac{78}{6}$ | $\frac{79}{4}$ | $\frac{80}{0}$ |
| $\frac{81}{3}$ | $\frac{82}{7}$ | $\frac{83}{4}$ | $\frac{84}{0}$ | $\frac{85}{2}$ |
| $\frac{86}{1,4}$ | $\frac{87}{6}$ | $\frac{88}{2}$ | $\frac{89}{6}$ | $\frac{90}{0}$ |
| $\frac{91}{4,6}$ | $\frac{92}{8}$ | $\frac{93}{0}$ | $\frac{94}{3}$ | $\frac{95}{7}$ |
| $\frac{96}{7}$ | $\frac{97}{0}$ | $\frac{98}{0}$ | $\frac{99}{7}$ | $\frac{100}{0}$ |

## Pencil Pointers 2 ? $=$

In this crossword puzzle, the clues appear in the grid itself. Enter the answers in the direction of the pointers. ANSWER, PAGE 72

| Downunder home? | $\begin{aligned} & \text { Obstacle- } \\ & \text { course } \\ & \text { TV show } \end{aligned}$ | Western U.S. fault name | Due by right | Personal manners | $\checkmark$ | Inveigh against | Crude oil, in slang | Masses near tonsils | Inseam locales | "Alexa" smart speaker | $\begin{aligned} & \text { Shoulder } \\ & \text { bag } \\ & \text { feature } \end{aligned}$ | $\nabla$ | Steeping liquids | Studier of habitats | Supertough rivals | $\begin{aligned} & \text { Industry } \\ & \text { expo } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Wildly happy |  |  |  |  |  | $\begin{aligned} & \text { Mild } \\ & \text { Dutch } \\ & \text { cheese } \end{aligned}$ |  |  |  |  | Track athlete |  |  |  |  |  |
| Go into | - |  |  |  |  | TV warrior princess |  |  |  |  | Luring smell |  |  |  |  |  |
| Like wet weather <br> Clues |  |  |  |  |  | 1998 animated bug film |  |  |  |  | Stacked |  |  |  |  |  |
| $\square$ |  |  |  |  | On-call doctors' devices | Recital number |  |  |  |  | Org. that screens bags | Sniffing organ |  |  |  |  |
| $\begin{array}{\|l\|l\|l\|} 450, \text { to } \\ \text { Caesar } \end{array}$ |  |  |  | Whom a doctor sees | $\checkmark$ |  |  |  |  |  | V | $\begin{aligned} & \text { Gets } \\ & \text { older } \end{aligned}$ | - |  |  |  |
| Large concert venue |  |  |  |  |  | $\begin{aligned} & \begin{array}{l} \text { Sword } \\ \text { parts } \end{array} \\ & \hline \text { Pillage } \end{aligned}$ |  |  |  |  |  | Menu listing | - |  |  |  |
| Neighbor of Homer Simpson |  |  |  | $\begin{aligned} & \text { Clear } \\ & \text { display } \\ & \text { fixtures } \end{aligned}$ | - | $\nabla$ |  |  |  |  |  |  |  |  | Note sent online |  |
| $\begin{aligned} & \text { Mars } \\ & \text { cable } \\ & \text { chan. } \end{aligned}$ |  |  |  |  |  |  | Fork points | Era upon era | Relative key of $F$ major |  | Warship groups | Culinary mélange | - |  | $\checkmark$ |  |
| P |  |  |  | Ran a cordon around | - |  | $\nabla$ | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |  | $\begin{aligned} & \text { Open, } \\ & \text { as a } \\ & \text { letter } \end{aligned}$ | Part added to the end |  | $\begin{aligned} & \text { Also-ran } \\ & \text { in } 92 \text { and } \\ & 96 \end{aligned}$ |
| Soup in a sushi bar |  | Harvard and Yale are in it | Evenly dividing lines | Thurmond of politics |  |  |  |  |  | School dining hall |  | Home of <br> Salt Lake <br> City |  | $\checkmark$ |  | $\checkmark$ |
| Triangle- shaped sail |  | $\nabla$ | $\nabla$ | One-dimensional | $\begin{aligned} & \hline \text { Left } \\ & \text { slack- } \\ & \text { jawed } \end{aligned}$ | In reserve |  |  |  | $\nabla$ |  | Brand of hair remover |  |  |  |  |
| Home of St. Teresa |  |  |  | $\checkmark$ | $\nabla$ | River in Belgium |  | Scottish negative |  |  |  | Farm storage building | - |  |  |  |
| $\begin{array}{\|l\|l} \text { "It'll look } \\ \text { like this in } \\ \text { print" } \end{array}$ |  |  |  |  |  | V |  | Over and over, in verse |  |  |  | Majestic shade trees |  |  |  |  |
| P |  |  |  |  |  |  |  | Gives a new form to |  |  |  |  |  |  |  |  |
| Ashy quality <br> Ebb |  |  |  |  |  |  | Busily engage | Slam dance | Meditate in silence |  | Major melee | Talk like Daffy Duck |  |  |  |  |
| $\begin{aligned} & \text { Pro_ } \\ & \text { propor- } \\ & \text { (in } \\ & \text { tion) } \end{aligned}$ |  |  |  |  |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |  | $V$ | Dir. from La. to III. | $\begin{aligned} & \text { Suffix } \\ & \text { with } \\ & \text { Canton } \end{aligned}$ |  |  |  |
| P |  |  |  |  | $\nabla$ | Vintage auto for trips |  |  |  |  |  | $\checkmark$ |  |  |  |  |
| Difficult <br> trials <br> $\quad$ Lady | - |  |  | $\begin{array}{\|l\|l\|} \hline \text { Thing } \\ \text { left out } \end{array}$ | - |  |  |  |  |  |  |  | Problem for a vain sort | > |  |  |
| Shellac, e.g. |  |  |  |  |  | $\begin{aligned} & \text { Stage } \\ & \text { décor } \end{aligned}$ | - |  |  |  |  |  |  |  |  |  |

## Celtic Knot

Starting with at the space marked "1," enter the words suggested by the correspondingly numbered clues. When you get to a corner, turn. When you get to an intersection, just keep going straight. The last two letters of each word overlap the first two letters of the next word, so each letter is part of one, two, three, or four words. When the grid is filled in correctly, the pink spaces will reveal an Irish blessing. Answer, Page 73

1 Self-evident
2 Drink cooler: 2 wds
3 Condition caused by thiamine deficiency
4 Religious ceremony
5 Very very small
6 Parachute material
7 Beginning
8 Engrave with acid
9 Place for Answer 4
10 Fire-breathing monster of myth
11 Reading or B\&O, e.g.
12 Stick
13 "A man's $\qquad$ should exceed his grasp" (Browning)
14 Stylish
15 Topped a cake
16 Avant-garde

17 Greek deli specialty
18 Dappled horse
19 Non-digital, as a clock
20 Stare creepily
21 Abrupt transition
22 Opening
23 Breathe
24 Call it a career
25 Linus and Lucy's little brother
26 Throw into turmoil
27 Equipment
28 Gotten out of bed
29 Convert into machine language
30 Be worthy of
31 Like some agreements
32 Top dog
33 Sharp road turn
34 Impossible to defeat

35 Smoothly, in music
36 Frat party garb
37 Pavilion with a view
38 Perform incompetently
39 Uncertain
40 Rinse or spin, on a washer
41 Narrow shelf
42 Pleasantly cheerful
43 Lacking pigment
44 Yiddish nibble
45 Slumber
46 Himalayan Sasquatch
47 Capital of Albania
48 Crumb catcher
49 Wolf down
50 In a lawful manner
51 Classical Greek instrument
52 Take it easy

## Cryptolists $\xlongequal{〔}$

Below are four lists of related words and phrases that have been translated into simple cipher alphabets. The letter substitutions remain constant within any one group of words (for instance, if V represents G in one word, it will represent G in all the words in that list), but change from one list to the next. A tip to new solvers: Start by thinking of answers that might fit one of the categories; then see if any enciphered words in the list have the same letter pattern. The fourth list has been left untitled. Solve the code to determine what the items have in common.


1. FAST-FOOD CHAINS

## Ex: Quiznos

$Y \cup M$
VK D L J D Y T A L
H S HJNJI
I K V X B N
H B A J D B V D J B O
M TAABVSA
W M O S A B G O' I
O B T D N E K JJA
$R B M S V J G G$
OK A Y TA' O S A K R I


## 3. NATIONAL PARKS

## Ex: Zion

$$
\begin{aligned}
& \text { N A T U R E } \\
& \text { K P N T V R A } \\
& \text { Z S E U F N } \\
& \text { M S E R R H } V \text { R R R } \\
& \text { T A N X R A P N D R } \\
& \text { C S M N K R F A E } \\
& \text { A R O L S S O } \\
& \text { M R P P S LE X S J R } \\
& \text { Q N O P N J O E } \\
& \text { K A N J O T N J M S J }
\end{aligned}
$$


2. HALL \& OATES SONGS

## Ex: I Can't Go for That



A M Z A M AM Z
N I P U D UN M' D N A

4. MYSTERY LIST

What do they all have in common?

```
S O LV E Q P B Y S Q Y S S L L
T X Z L X V L M L J D Z L
K D Z LV Z H Y V V T B
MLD Z E A D K K L W
B DVVTYY D ZL KYAL DSSDT O
V Q Y Z Q E J Y X XLZ B L B B L O
A Y K Q D X T Q L O P B Z T Y X
Z E L V P X
S D V E T Y X Z O LX M
V Z Y K L X H Y Y M V
```


## Time Is of the Essence $=$ ?



ACROSS
1 Uttered
7 Landscaping gadget
12 Infield protector
16 Place to play Skee-Ball
17 Bath accessory
18 Daminozide, familiarly
19 Introductory phrase: 3 wds.
22 Genesis garden
23 Crow, e.g.
24 Footloose fellow
25 Soak flax
26 Foundation donation
27 Protégé nurturers
29 Hotel perk
30 Land on Lake Titicaca
31 Pronto: 4 wds.
39 Jousting weapons
40 Take forcibly
41 Woolly one
43 Like some bars
44 Divine being
45 "In between" place
46 Bassoon's cousin
47 Home of the Heat

48 Rack-and- $\qquad$ steering
49 When early risers rise, maybe:
5 wds .
52 Father of Phobos
53 Bowls over
54 Put into words
58 Frat boy, at times
60 Fall behind
63 Do a double take, say
64 Court figure
65 Boot bottom
66 When to "Go!": 5 wds .
70 Start the pot
71 Kournikova and Paquin
72 Father of the Titans
73 Baseball's "Say Hey Kid"
74 Showy flower
75 Bind with a bandage

## DOWN

1 Carpenter,
at times
2 Fall preceder?
3 Four duos

4 Paper Moon actress Madeline
5 Tokyo, formerly
6 Subatomic particles
7 Small and sprightly
8 Find unbelievable
9 Slasher staple
10 Newt
11 Shout from the stands
12 Deck with major and minor arcana
13 Texas tourist attraction
$14 M^{*} A * S * H$ character
15 Nudges
20 Singing syllables: 2 wds.
21 World-weariness
26 Like caramel
27 Disheveled
28 Once, once
29 Pool table feature
30 Word with justice or license
31 Too
32 Carnival dance
33 Condescending type
34 Uses four-letter words
35 $\qquad$ ballerina
36 Alternative to curtains

37 Dungeons \& Dragons beast
38 Bend into an arch
42 Capital of the former West Germany
44 Chopped finely
45 Permanent inmate
47 Simple
48 Mighty
50 Proverbial waste maker
51 Kid's instrument
54 Tournament type: Hyph.
55 Mehndi dye
56 Worn-looking
57 Muscle maladies
58 Province of south-central China
59 Pretentious
60 Literary heroine Doone
61 Attu native
62 Sixth day of Christmas gift
642007 title role for Ellen Page
65 Layered hairdo
67 Put a lid on
68 Countdown ender
69 Prefix for cycle or pod

## Mixed Doubles:

Shades of Meaning
BY MIKE NOTHNAGEL

This puzzle is solved like a standard Mixed Doubles in that each answer word has two clues leading to it, using different meanings of the word. The clues are separated into Across and Down, but are otherwise ordered randomly.
When you find two Across or two Down clues that seem to have the same answer, add up their clue numbers to determine the place in the grid at which the answer should be entered. For example, if the clue for 1-Across were "Metallic element" and the clue for 17-Across read "Starring role," the answer would be LEAD, which would go in 18 -Across ( $1+17$ ). Tags such as "Hyph." and " 2 wds." have been omitted.
In this puzzle, there is an added twist: The Across and Down clue lists each contain one extra clue. If you rearrange the letters in the shaded spaces of the grid, you will discover a word or phrase that is suggested by both of the extra clues. ANSWER, PAGE 74


## ACROSS

1 Not in favor of
2 Medical adhesive strip
3 Last name in dictionaries
4 Appeared
5 Place atop
6 Multi-person race
7 Communicating (with)
8 Increased the volume of
9 Baker's protective garment
10 Roots, mathematically speaking
11 Things
12 Abutting
13 Voices disagreement
14 Up-to-date, as with current events
15 Stop at an airport

16 "Do They Know It's Christmas" group
17 Front of a stage
18 Extremely smart
19 Switch that opens and closes a circuit
20 1980s sitcom starring Emmanuel Lewis
21 Revolutionaries

## DOWN

1 Common drink mixer
2 Hearing, for example
3 Bounces a basketball
4 Alternative to fresh when buying vegetables
5 Like most guitar necks
6 Worried

7 Coquilles St.-Jacques ingredient
8 Ends to phone conversations
9 Fill one's mind, as thoughts
10 Axed
11 Neuroses
12 Spills a bit of liquid while drinking
13 Added salt and pepper to
14 Intuit
15 Person who frequents a bar
16 First note of a scale
17 Like an intense color
18 Not special or distinguished
19 Experienced
20 Cut a repeating rounded decorative edge
21 Reside in

## Battleships

BY CONCEPTIS LTD. www.CONCEPTISPUZZLES.COM

The six puzzles on this page are solitaire versions of the classic paper-and-pencil game of Battleships. Each grid represents a section of ocean in which a fleet is hiding. This fleet consists of one battleship (four grid cells in length), two cruisers (three cells each), three destroyers (two cells each), and four submarines (one cell each). The ships may be oriented either horizontally or vertically, and no two ships can occupy adjacent grid cells, not even diagonally. The digits along the grid's perimeter indicate the number of cells in the corresponding rows and columns that are occupied by vessels.
You'll notice that some "shots" have been taken to start you off. These may show water (indicated by wavy lines), a complete sub (a circle), the bow or stern of a ship (a rounded-off square), or a midsection of a battleship or cruiser (a square). The puzzles get harder as you go. Can you reach the rank of admiral by locating all six fleets? answers, page 73



End of ship (will continue in the direction of the flat side)
Middle of a ship (will continue either left and right or up and down)

2-PETTY OFFICER


5-COMMODORE



3-ENSIGN


6-ADMIRAL



## Art on the Square

## BY BONNIE KOVES

This is the easiest way we know of to create art without the benefit of formal training. All you have to do is copy each square in the proper place in the empty grid, following the coordinates. The square marked A3, for example, should be drawn in the box where Row A intersects with Column 3. We suggest using colored pencils for this puzzle. The more carefully you work, the better the result will be-certainly as good as the finished product found on page 74



C4


C6
E1


## -WILD CARDS•

## WORDPLAY QUADRUPLE WORDS

Fill in each blank with a letter of the alphabet to form three seven-letter words. Besides being a common word, each word must also: (1) become a new word if the middle letter (the one in parentheses) is removed; and (2) begin and end with two three-letter words.

1. $R$ $\qquad$ (A) $\qquad$
2. $B$ $\qquad$ (D) $\qquad$
3. O $\qquad$ (R) $\qquad$ —R.H. WEI

## LOGIC <br> OF DICE AND MEN

You have four six-sided dice, each with one letter on each side (you don't have Q or Z). Rolling correctly, you can spell these 14 male names. What are the six letters on each die?

| ALEX | FRED | OWEN |
| :---: | :---: | :---: |
| BURT | GARY | PHIL |
| CARL | IVAN | STAN |
| CHAD | JOEL | YURI |
| DIRK | LIAM |  |

-Nicholas Machado

## WORDPLAY <br> WORDS TO THE WISE

What do all the words in this nonsensical sentence have in common?
SO THE FAIR LAD READ PAST "GRIM BUS SPIN" PART TO WEAR AN ALL IRON MAN WAR BRAND.
-Scom Erdman

## WORDPLAY

## THREE-PART HARMONY

Some words go together to form well-known trios, like RED, WHITE, and BLUE. Below you can find 20 common three-word phrases by selecting one word from each of the columns. The columns are in the correct sequence, i.e. all the first words are in the first column, and within each column the words are in random order. Each word is used exactly once. Can you determine which three words go together to complete the phrases? We've already crossed off the first one (FAITH, HOPE, CHARITY) to get you started.

| BEG | BORROW | ABLE |
| :---: | :---: | :---: |
| BLOOD | CAMERA | ACTION |
| FAITH | CRACKLE | BARREL |
| GOING | DARK | -HARIFY |
| HEALTHY | GOING | DELIVERED |
| HOOK | HOPE- | DRAW |
| LIGHTS | LINE | FUTURE |
| LOCK | LOOK | GONE |
| ME | LOSE | HANDSOME |
| PAST | MEDIUM | I |
| PERSON | MYSELF | LARGE |
| READY | PAPER | LISTEN |
| ROCK | PLACE | POP |
| SHAKE | PRESENT | ROLL |
| SIGNED | RATTLE | SCISSORS |
| SMALL | SEALED | SINKER |
| SNAP | STOCK | STEAL |
| STOP | SWEAT | TEARS |
| TALL | WEALTHY | THING |
| WIN | WILLING | WISE |
|  |  | -RAYMOND LovE |
|  |  |  |



## -WILD CARDS•

## FOR THE RECORD

CITY MATCH
Can you match each famous person (1-20) with the city (a-t) of the same name?

1. Actor Billy Bob
2. Actor Burt
3. Actor Joaquin
4. All-time NBA assists leader John
5. Baseball Hall of Famer Rickey
6. Detective novelist Raymond
7. Explorer Christopher
8. Former Chief Justice Earl
9. Golfer Greg
10. Hollywood exec Sherry
11. Jackass star Johnny
12. Percussionist Lionel
13. Singer John
14. Singer Michael
15. Singer Rick
16. Singer Tony
17. Singer Whitney
18. Tennis star Tracy
19. The Talk host Sara
20. Writer Washington
a. Austin
b. Chandler
c. Columbus
d. Denver
e. Gilbert
f. Hampton
g. Henderson
h. Houston
i. Irving
j. Jackson
k. Knoxville
I. Lancaster
m. Lansing
n. Norman
o. Orlando
p. Phoenix
q. Springfield
r. Stockton
s. Thornton
t. Warren
-Stu Agler

## FOR THE RECORD <br> CONNECT THREE

Each pair of words (1-12) can be matched with one of the single words below (a-l). The logical connection among the resulting word trios is the same throughout.

1. Another, Wonder
2. Beautiful, Old
3. Black, Open
4. Breaking, Cast
5. Deep, Double
6. Drugstore, Urban
7. Easy, Ghost
8. Frozen, Wind
9. Funny, Ordinary
10. Gone, My
11. Iron, Rain
12. Patriots, Training
a. Cat
b. Dark
c. Groundhog
d. Midnight
e. Mystic
f. Pretty
g. Sudden
h. Swept
i. Tommy
j. Whale
k. Working
l. Yes
—R.H. Wel

## TEASERS

THE FAMILY GRID
My best friend and I love puzzles, so I challenged him with a puzzle I made up on the spot: Put all the first names of his family in a $6 \times 6$ grid so that they all connect crossword-style. I added that it didn't matter if adjacent or parallel names made nonsensical letter combinations, just as long as all the names came together. The members of his family are: DARREN, LAURA, ECHO, RIVER, SAGE, FLINT, and FOX. To my surprise, he did it! Can you?



## Code Crosswords $=$ ?

In the puzzles below, the numbers in the grid squares stand for letters of the alphabet; your task is to crack the code. Once you've figured out the letter that matches a certain number, place that letter in every square containing the same number and in the chart beside the grid. Every letter of the alphabet will appear at least once in the completed grids.

| 1 | 14 |
| :--- | :--- |
| 2 | 15 |
| 3 | 16 |
| 4 | 17 |
| 5 | 18 |
| 6 | 19 |
| 7 | 20 |
| 8 | 21 |
| 9 | 22 |
| 10 | 23 |
| 11 | 24 |
| 12 | 25 |
| 13 | 26 |


| A | N |
| :---: | :---: |
| B | O |
| C | P |
| D | Q |
| E | R |
| F | S |
| G | T |
| H | U |
| X | V |
| J | W |
| K | X |
| L | Y |
| M | Z |




| A | N |
| :---: | :---: |
| B | $\mathbf{O}$ |
| C | R |
| D | Q |
| E | R |
| F | S |
| G | T |
| H | $\mathbf{U}$ |
| I | V |
| J | $\mathbf{W}$ |
| K | X |
| L | Y |
| M | Z |



Want more Code Crosswords? Go to www.kappapuzzles.com/variety and print your own!

## Sumoкu

In these puzzles, the completed diagrams will include each of the numbers from 1 to 9 in the squares of every row and column. The numbers in the little rectangles within the diagram indicate the sum of the digits they contain. Use the limited variety of ways to express numbers as the sum of different digits (e.g. 16 can only be $7+9$, and 5 can only be $1+4$ or $2+3$ ) to slowly eliminate possibilities. Useful reminder: the sum of the digits from 1 to 9 is 45 .


## Proverbs and Converbs

We say great minds run in the same channel. We also say fools think alike. It all depends on your point of view.
Each proverb or saying below has a familiar proverb contradictory in meaning hidden in the grid above it. Start in the upper left-hand square of each grid and proceed square by square (horizontally or vertically, but not diagonally) to spell the answer. Do not cross your path or enter a single square twice. Not all of the letters in any grid will be used.

"Out of sight, out of mind."

| (4) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| T | O | P | C | O | O |
| E | O | L | Y | R | K |
| H | M | A | N | S | S |
| T | A | M | E | P | 0 |
| O | R | B | L | C | 1 |
| N | D | E | H | T | L |

"Many hands make light work."
$\qquad$


| Y | U | C | K | E | I |
| :---: | :---: | :---: | :---: | :---: | :---: |
| O | P | R | A | X | T |
| U | Q | T | T | E | W |
| C | A | N | R | G | I |
| L | M | I | Y | H | T |
| O | W | N | O | U | Z |

"A penny saved is a penny earned."

"Keep your nose to the grindstone."
$\qquad$


| C | O | N | K | I | T |
| :---: | :---: | :---: | :---: | :---: | :---: |
| U | S | A | Y | L | L |
| R | A | I | T | C | E |
| I | O | S | B | T | D |
| N | G | R | E | H | W |
| E | T | A | C | O | M |

"Seek, and ye shall find."

"Do unto others as you would have others do unto you."

"It's never too late to learn."


| N | O | T | A | G | G |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | I | H | I | O | N |
| G | N | E | N | P | I |
| V | O | D | U | T | H |
| E | U | R | L | Y | T |
| N | T | E | D | N | O |

"Fools rush in where angels fear to tread."

"Look before you leap."

## 500 Rummy

BY MATT JONES

Can you score 500 or more points in Word Rummy hands from the card layout at right?

## How to Play

Find as many common seven-letter words as you can whose cards form Word Rummy hands. A Word Rummy hand is a seven-letter word whose letters appear on cards that make up one set (three or four cards of a kind, like 7 77 or K K K K) and one sequence (three or four cards of the same suit in numerical order, like A 23 or 910 J Q). Either the set or the sequence may come first, but one of each must be used in each hand, and the two parts must not be mixed together. The letters of a set may be used in any order; the letters of a sequence must be used in the left-to-right order given in the grid. The same card cannot be used twice in the same hand. Sets and sequences, however, may be repeated in other words. Proper names and foreign words are not allowed, but plurals are fine.

## Scoring

Each card in a Word Rummy hand scores its face value. A 6 scores 6 points, for example. Aces are low and count 1 point each. Jacks, queens, and kings count 10 points each.

## - Example

In the puzzle at right the word BETWIXT forms a Word Rummy hand. The \$A 234 are a sequence with the letters B-E-T-W; the A A $\& A$ are a set with the letters I-X-T. The cards used have values of 123411 1, for a total of 13 points.

## \& Ratings

Knock: 350 points (good game)
Gin: 500 points (winning game)
Gin-off: 886 points (our best score)
ANSWERS, PAGE 73



## One, Two, Three $\quad$ !

BY FRANK LONGO

Solve this puzzle as you would a regular crossword, except that each space may hold one, two, or three letters. The number of letters in a space is for you to determine, using logic and the crossing of words. The answer to 1 -Across, P-RA-TES, has been filled in as an example.

ANSWER, PAGE 74


## ACROSS

1 Babbles on
4 Accidental bits of success
8 High-end Honda division
12 Part of BFA or MFA
131989 John Candy comedy: 2 wds.
14 Al of auto racing
15 McEntire of country
16 Chronicles
17 Of the sense of touch
18 Certain Olympic aquatic event: 3 wds.
21 Tactic for the last few tricks in bridge
22 Focusing firmly, as one's attention
23 Beginning
24 Spain's capital
27 Row of boundary bushes
28 Certain Olympic aquatic event: 2 wds.
31 Bodily pair with lobes
34 Demands forcefully
35 Jurisdiction of a British noble
39 Make intricate

41 Polar parka
42 Certain Olympic aquatic event: 2 wds.
46 Actress Mimieux
47 Double $\qquad$ (Mae West specialty)
48 Analyze in grammar school
49 People behind the wheel
50 Continent, e.g.
51 Hoodwinks
52 Rock singer Marilyn
53 Twig-toting birds
54 Heavy book

## DOWN

1 Temple on the Acropolis
2 Not-often-seen sorts: 2 wds.
3 Swab sent to a lab, perhaps: 2 wds.
4 Like butterfly wings in motion
5 Release, as hair from a barrette
6 Cookie brand represented by elves
7 Contracts to make appear flatter, as one's gut: 2 wds.

8 Noticeably superior to: 3 wds.
9 Without having suffered any injury
10 Leaving one's career
11 Former $A B C$ executive Roone
19 Stay home to dine: 2 wds.
20 Frying pan
24 Motel room servicers, often
25 Believer in two basic entities, philosophically
26 "How Do I Live" singer LeAnn
29 One using a dowsing rod, say
30 Has a hankering
31 Coral reef and its inhabitants, e.g.
32 Ex-GI: 2 wds.
33 Sharp broken-off pieces
36 Easy on the joints, as aerobic exercises: Hyph.
37 College housing unit: 2 wds.
38 Being logical: 2 wds.
40 Has an aha moment: 2 wds.
41 Envelope info with a zip code
43 Very narrow, as a bridge: Hyph.
44 Has in mind
45 Teacher of Buddhism, maybe: 2 wds .

## What's Happening: ZENKAIKON 2018

When: May 4-6, 2018
Where: Lancaster County Convention Center; Lancaster, PA
Details: Now in its 12th year, Zenkaikon celebrates anime, comics, gaming, science fiction, and fandom. This three-day event will feature panels, workshops, concerts, cosplay, board and video gaming, and much more. Special guests include Phil LaMarr (the voice of Samurai Jack) and Corgi Cosplay, the team of Kiba the Cosplay Corgi and his wisecracking mom Nicole.
For more info: www.zenkaikon.com

## What's Happening: ANIMINNEAPOLIS



When: May 25-27, 2018
Where: Hyatt Regency Minneapolis; Minneapolis, MN
Details: This con provides a safe and fun place to make friends with people who share similar interests. Anime fans will get together for "an epic three-day celebration of anime, video games, and music in Minneapolis." You can cosplay (optional); attend dances, concerts, and contests; play video games; and shop for anime merchandise. Autograph sessions and entertaining panels will also be featured.
For more info: www.animinneapolis.com

## What's Happening: <br> O. HENRY PUN-OFF <br> WORLD CHAMPIONSHIPS

When: May 12, 2018
Where: O. Henry Museum; Austin, TX
Details: This annual spoken word competition takes place every May. Punsters compete in one or both of two areas: Punniest of Show, in which participants deliver a 90 -second performance of a pun-filled prepared piece; and PunSlingers, in which contestants go head-to-head in bouts of spontaneous punning on a randomly chosen theme. A panel of judges decides the winners.
For more info: www.punoff.com

## What's Happening: WORDS AND WINDMILLS SCRABBLE TOURNAMENT

When: May 20, 2018
Where: Town Hall; Elk Horn, IA
Details: This Scrabble tournament consists of seven games, with round robin pairings followed by one or two rounds of King of the Hill. You must be
a NASPA member to participate. Food, water, snacks, and a light lunch will be provided. While you're in Elk Horn, be sure to visit the town's authentic Danish windmill.
For more info: sites.google.com/site/ ralstonscrabbleclub/Home/words-andwindmills

## What's Happening: <br> KUBLACON

## - Kublacon

When: May 25-28, 2018 Where: Hyatt Regency SFO; Burlingame, CA
Details: This "Khan of Cons" is the West Coast's largest gaming convention, offering over 72 hours of gaming with board games, RPGs, CCGs, and more. Special programs for teens and youngsters will be offered. Additional events include a dealer's room, seminars, sessions on painting miniatures, and a "War College" for wargamers.
For more info: www.kublacon.com

## What's Happening: <br> SPRING INTO SPRING <br> DUPLICATE BRIDGE EVENT

When: May 14-17, 2018
Where: Birchwood Inn;
Harbor Springs, MI
Details: The emphasis of this ACBLsanctioned event is on having fun, but the competition is strong and master points can be earned. Delicious food and a comfortable setting make this a tournament not to be missed. The event is limited to 14 tables.
For more info: www.harborsprings-chamber.com/events/details/duplicate-bridge-event-739
 Center; St. Charles, MO
Details: Geekway boasts "Four Days of Peace, Love, and Board Games!" Attendees can visit the game library and participate in open gaming the whole time, or they may sample the scheduled and informal events. Special Geekway events include a Game Design Contest and Play and Win, which gives players a chance to win a copy of a game they enjoyed at the con.
For more info: geekwaytothewest.com

What's Happening: BGG SPRING 2018 When: May 2528, 2018
Where: Hyatt Regency DFW Airport; Dallas, TX Details: Come and enjoy the vast game library at BGG.CON, the annual spring gathering sponsored by BoardGameGeek. Attendees can borrow games and try them out in the open gaming area. There are also special rooms where new games will be taught, as well as events such as tournaments and puzzle hunts.
For more info: www.boardgamegeek. com/wiki/page/BGGCON_Spring

What's Happening:
MOMOCON 2018


When: May 24-27, 2018
Where: Georgia World Congress Center; Atlanta, GA
Details: This rapidly growing con brings together fans of Japanese anime, American animation. comics, and tabletop and video gaming to celebrate their passion over four days. Costumes and cosplay are encouraged. Attendees can browse the huge exhibitors' hall and meet the talented people behind their favorite shows, comics, and games.

## For more info: www.momocon.com

What's Happening: GoTE 4THEKIDS REGIONAL TOURNAMENT 2018 When:
May 19 \& 20, 2018 Where: Holiday Inn St. Petersburg North/
 Clearwater; Clearwater, FL
Details: The Florida nonprofit Gamers on the Edge presents this "great tournament for a great cause." The event brings together some of the top players in the southeast U.S. to compete against each other and raise funds for Children's Miracle Network Hospitals. There will also be arcade cabinets set on free play for all to enjoy. Gamers on the Edge has donated more than $\$ 50,000$ to children's hospitals and maintains more than 10 game rooms there to help young patients feel like kids.
For more info: gamersontheedge.com


I've been making up games and puzzles since childhood, and one thing has remained constant-I've never been able to predict with any certainty whether a goal and a set of rules will make a workable and enjoyable play activity. Would-be games have to be played, either by willing participants or by oneself (not an easy task). As Katie Salen and Eric Zimmerman emphasize in their insightful book, Rules of Play, no game can reach its full potential without "a cyclic process that alternates between prototyping, playtesting, evaluation, and refinement," what they call "iterative design."

That's why I'm always looking for game testers. When our grown children treated Marilyn and me to a week on the beach for our 70th birthdays, they promised to play my games for one hour during our stay. I certainly appreciated the gesture (and took them up on it), but most family and friends don't offer candid feedback-they don't want to hurt the designer's feelings. So I'm always on the lookout for playtesters that I don't know personally.

A related and more intractable problem is that some of my most intriguing ideas require 20, 40, or even more players to test them. As a result, I'm always grateful when luck brings me a large group of participants. In my early 20s, for instance, I had a summer job as a program director at Camp Tamarack in Ortonville, Michigan, which was filled with potential playtesters-the campers and counselors. As one of the "programs," I designed a game called Non-Equipment

Baseball (NEB), a cross between baseball and touch football with 10 or more players on each team. As the name suggests, this is a baseball game with no bats or balls. However, it requires a baseball field with foul lines, base paths and bases.

Here's a brief description. Defensive players are "frozen" around the outfield. When it's your turn "at bat," you cross a foul line in the outfield, which allows the defensive players, now unfrozen, to chase you. As you try to avoid being tagged by an opposing player, one, two, or three of your teammates run the bases. If you're tagged while any of those teammates is off base, your team is "out," and a new "ball" and "batter" take a turn. If a teammate crosses home plate before the "ball" is tagged, the batter's team scores a run. When three outs are made, the teams switch from offense to defense and vice versa.

The perfect opportunity for playtesting this game came up one rainy afternoon. The baseball field was too soggy for a regular game of anything, so I suggested we try to play NEB, which I briefly explained. To my surprise and delight, it was a blast! Nobody took it seriously because it was so wet and muddy, and everybody wanted to keep playing because it was so much fun.

But was it a "good" game? Could it withstand a careful analysis? I'd have to say no. Within minutes, I identified major problems, including the fact that the game can be very hard to officiate. You'd

need one referee to watch the "ball" and an umpire for each base runner. All these officials would need distinctive whistles so it would be obvious who was making a call when. Trying to decide if the "ball" was tagged while one or more "runners" are off base can be very challenging and a source of endless argument. I quickly realized that it would take some tweaking to make NEB a workable game on a dry field.

Ironically, others have considered the game successful. In 1979, a decade later, I submitted the above version of NEB to a New Games Contest run by GAMES magazine, and my entry was named the grand prize winner! In the Content Results, I'm quoted as saying that NEB "is best played in the mud." Did I win because of that caveat or in spite of it? To add to the irony, Leigh Anderson included my game in her 2012 book, The Games Bible, calling NEB a "brilliant combination of tag and baseball." Considering that it's only been played once that I know of, how does anyone know if it's brilliant?

Still, I'd love to see a tweaked variation of NEB played on a football or soccer field with no bases, pitching mound, base paths, base runners, or mud. We could call it Non-Equipment Football (NEF). As in NEB, defensive players are frozen anywhere on the whole field, but they have much more ground to cover because there's no infield. Defensive players are unfrozen when an offensive player enters the field of play, at which point the defenders chase this opponent until she gets tagged. After the ball is tagged, the defensive players are again frozen until the next ball enters the field

Instead of base runners, a referee with a stopwatch would announce how many seconds the runner ran before being tagged,
and that number would be added to the offense's score. After three runners are tagged and their scores recorded, offense and defense switch. When all players have been runners a specific number of times, high score wins. I think that NEF could be developed into a terrific sport that requires lots of running, sophisticated strategies for offense and defense, and no problem with officiating. Now I just need 20 volunteers!

Because it's difficult finding large groups of people willing to test a new game, I usually take the opportunity to playtest a would-begame whenever I'm invited to give a talk, something that, as a former professor, occurs every few years. For example, I was once asked to speak to a group of more than 60 junior high and high school teachers, so I taught them a game that, I hoped, would be fun and useful, an activity they could try with their students. I told them up front that no one (to my knowledge) had ever tried this game (called "Whisper") before, so we would find out together if the concept was viable.

## WHISPER

The room is divided into two teams, the lefties and the righties, based on where they're sitting in. All players are asked to stand up at the beginning. In each round, I ask them a question that, ideally, only a few players would be able to answer immediately. For example: What three-syllable country is often referred to by its third syllable?

Those who believe they have the correct answer whisper their guess to nearby team members (not loud enough for the opposing players to hear), and then sit down. If your teammates believe that your guess is correct, they too would share it with their neighbors
and sit down. In this way, the two teams race to have all their players seated.

Here are some sample questions for Whisper:

1. What two-word U.S. city is often called by its second word alone?
2. What two-word U.S. city is often called by its first word alone?
3. What two major cities in Texas and Massachusetts rhyme?
4. What two major cities in Tennessee and North Carolina rhyme?
5. What American city becomes a German city when you drop the first letter?
6. What creature remains the same animal with or without the first letter?
7. What U.S. state ends in the same four letters that start another state?
8. What two states of the United States rhyme?
9. What two seven letter countries end in ANIA and rhyme?
10. What university's name is a part of the body?
11. What two universities' names are shades of the same color?
12. What two six-letter words start with $F$ and end with GET?
13. What two six-letter words start with UP and end with OT?
14. What word's two syllables are gender opposites?
15. What word's two syllables are the present and past tense of the same verb?
16. What word sounds and means the same if you remove UGH from it?
17. What kind of meringue is supposed to come back?
18. What Greek god spelled backwards is the name of a famous canal?

## ANSWERS, PAGE 77

As soon as all the players on one team were seated, I called a halt to the whispering, told everyone to remain standing or sitting, then picked out one player on the sitters' team to announce their answer. If this person got the right answer, their team would score a designated number of points. If their guess was incorrect, the other team scored that number of points. The team with the highest score after a specified number of rounds would be the winner.

Of course, when I chose someone to announce their guess, I typically picked on a player who looked clueless, embarrassed, uncertain, or otherwise uncomfortable. I was aware that I could be suckered, but that was part of the fun. I also realized that I could designate a player from the opposing team to pick the answer-giver, but I decided to save that for another time.

This initial iteration of Whisper was quite successful. Everyone seemed to be actively involved, and there was a lot of shushing and laughing and even shrieking as players tried to make sure that every single player on their team was sitting down as quickly as possible.

In an early round, one woman left her chair and ran up and down the aisle trying to make sure that everyone on her team knew what to say if they were called on. How she kept her suggestions from the other team is not clear to me since I remember that she was on an outside aisle facing both teams. In any case, her behavior, though quite amusing, violated the spirit of the game for me, so in subsequent rounds, I asked players to stay in place so there would be more interaction among neighbors instead of a single team leader. Nevertheless, I made a mental note to remember that player's enthusiasm. Maybe a vibrant team leader was a good idea.

Watching the game unfold in front of me, I saw plenty of ways to improve it. I noticed which questions worked best and which ones were too hard or too easy. I was made aware of strategies players could use to increase their chances of winning and how they could game the system, like sitting down without having the slightest idea of the answer and hoping they wouldn't be called on.
I also experimented with various scoring systems. One point per round seemed rather pedestrian, so I decided to make each round worth one more point than the previous one. Thus, the fifth round was worth five points, the sixth worth six, and so on. Eventually, just to see what would happen, I used ridiculously large numbers on each round. Surprisingly, the scoring system didn't seem to affect players' enjoyment or their strategies. Everyone was obviously playing to win each round regardless of what it was worth. In my book, that's a good game. In fact, I couldn't imagine any significant problems arising.

Silly me. The only other time I tried this game, it was a flop, illustrating the necessity of iteration. One of my colleagues in the English department at Youngstown State University asked if I would speak to a group of parents and their children before we went on a hike in Mill Creek Park, so I made a puzzle related to nature, as you can see below.

## PUZZLE HIKE

1. What kind of ROOM might you find on a nature hike?
2. What kind of STOOL?
3. What kind of DRAGON?
4. What kind of GLORY?
5. What kind of ROD?
6. What kind of CUP?
7. What kind of LION?
8. What kind of NATION?
9. What kind of LIPS?
10. What kind of TREE would you find in the military?
11. What kind of TREE would you find in a kitchen?
12. What kind of BIRD would you find in the kitchen?
13. What kind of PEAS would you find at the circus?
14. What kind of PLANT would you find in a hospital?
15. What kind of CANE would you find in the air?
16. What kind of FIR would you find in a limousine?
17. What kind of PINE would you find at the zoo?
18. What kind of PANSIES would you find in a tree?
19. What kind of FLOWER would you find on your plate?

## ANSWERS, PAGE 77

Unfortunately, the riddles had to be much easier than the ones in Whisper because youngsters were involved. As a result, most adults could get the answer immediately and whisper it to their kids, which took a lot of the fun out of the game. But that wasn't the only problem. Some of the children were just too young to understand the puns. Once again, I was reminded that a successful iteration with one group of playtesters is no guarantee that you'll get the same result with another group.

Fortunately, the opposite is also true. Some game ideas are so good that they will be successful with different groups and minimal changes. I discovered this a couple of years ago when I hit upon an unusual way to teach a young adult novel called Dash \& Lily's Book of Dares by Rachel Cohn and David Levithan. As it happened, I was scheduled to discuss the book with two groups of about 30 10th-to-12th graders in two consecutive 45-minute ses-
sions. If my idea didn't work in the first session, I was in trouble: There was no Plan B!

The opportunity arose because I had volunteered to teach two "Insight Sessions" as part of the Youngstown State University English Festival, a unique celebration of reading and writing held on YSU's campus over three days each spring. (The Festival, which is familiar to everyone who lives in a five-county area of Western Pennsylvania and Northeastern Ohio, celebrated its 40th anniversary in April of this year.) Here's what I told the first group:

## WHOSE CLUES?

This game is based on Dash \& Lily's Book of Dares, and all of you are going to be playing against me. As you probably remember, this book has two narrators, Dash and Lily, and their sections are written by two different authors, David Levithan and Rachel Cohn, so we would expect each narrator to have a distinct "voice," which includes their personal speech patterns, vocabulary, emotional responses, attitudes, and interests.

We're going to find out whether you can recognize a narrator based on the excerpts I provide. I will read you a short quotation from the book, and your job as a group is to determine which character I'm quoting, either Dash or Lily. Remember, these are lines addressed to the reader, not words spoken by one character to another.

Once I read the quotation, you will have one minute to try to guess the correct answer. You may confer with any other students in the room, but you don't all have to agree.

Let's try an example: "I didn't know whether to be flattered or outraged. " Which narrator said that? Go ahead and discuss it

Okay, if you think these are Lily's words, stand up. If you think they're Dash's, remain seated.

The correct answer is Lily. Here's how we score:

For every player who gets the right answer, the group will score one point. For every player who gets the wrong answer, I will score one point.

As the Festival loomed, I wondered how these teenagers would respond to my game. I had several concerns. First, the students were coming from roughly two dozen high schools. Second, they were not necessarily in the same grade. Third, I had no way of knowing if each school sent approximately the same number of boys and girls. Finally, the students were randomly assigned classes in an effort to get them to interact with new acquaintances.

Most important, I couldn't be sure that a good percentage of the students in either "class" had read the entire book or done so fairly recently. According to the rules, they had to read seven specified books to qualify for the Festival, and their teachers were expected to verify this accomplishment with a quiz, test, or interview, but their reading of Dash \& Lily's Book of Dares could have happened anytime between September and March.

Most of all, I worried that they'd be distracted by their smartphones, too busy texting or checking Facebook to participate meaningfully. How would I handle that? I had never taught high schoolers. I was a college professor, for goodness' sake!

I needn't have worried. The first session went better than I could have imagined. Each time I read them a new quotation, a serious discussion immediately ensued. Those who thought the answer was Lily would stand up and address those who were still seated, trying to persuade them. And vice versa. I was particularly impressed that some students could get others to change their mind. Yet the debat-
ers didn't pull rank or treat each other disrespectfully. They played like a team in which every member is equal and everyone's opinion is seriously considered

The discussion was always civil and surprisingly insightful. They argued that "a girl would be unlikely to use that word" or "a guy would never notice that detail." In the process, they taught each other better than I could—about stereotyping, cultural norms and expectations, evidence-based reasoning, rhetorical strategies, and other people's feelings and perspective. They saw for themselves that words make a huge difference in how we view the world

To my amazement, the majority guessed the right answer well over half the time. Score-wise, they were killing me. I had to change the scoring system to keep it competitive. It was the best class I ever taught.

Because of my experience with the Puzzle Hike, I was careful not to get too excited, but the second group of students was equally impressive. Like the first, they listened to each other's arguments, challenged their assumptions, and drew (usually correct) conclusions based on evidence. Since I had tweaked the scoring system in my favor, the closeness of the "game" added a sense of drama and challenge to this academic discussion

At the end of both sessions, I gave out "prizes," and even this aspect of the experience was highly satisfying. All I had were 10 YSU water bottles. My first thought was to choose the five "most valuable" players in each class and give them a bottle, but then I asked the students for their help in this matter. To my surprise, each group nominated potential winners and decided as a group who deserved them most. I concurred in every case

If you want to see how difficult their challenge was, try guessing which character is narrating in each of the following passages.

Quotations from Dash \& Lily's Book of Dares

1. Quick thinking for a sickie.
2. Liquescent. I tried to say myself to sleep with it.
3. Too much. Too soon. Too fast
4. At the mention of her name, I realized I missed Mom
5. Meet (dramatic drumroll, please) the punky hipsters.
6. A flying leap. An honest, bona fide flying leap
7. Unrequited
8. Next stop: bedding
9. Wherever I went, I was on the wrong end of the stampede
10. But I will settle for a puppy.
11. No way was I going back for it
12. What I want for Christmas is to believe.

## ANSWERS, PAGE 77

What have I learned from hunting big games over dozens of years? First, I learned that Salen and Zimmerman are essentially right, but not inevitably so. Usually it takes many, many iterations to find the right balance between hard and easy, work and play, but sometimes you stumble onto the sweet spot before you run out of guinea pigs.

Second, I learned that luck plays a much bigger role in game design than we like to admit. Without that perfect muddy day, I might never have seen a game of Non-Equipment Baseball and never submitted my idea to GAMES. Winning that contest many years ago led me to submit dozens of my puzzles, games, and commentary to this wonderfully intimidating and delightful magazine.

In fact, without that inspiration, you probably wouldn't be reading this article.

## WHOOE CLUES?

 DASH \& LILY'SBOOK OF DARES

## Change <br> By Mrcela Mladen There are 10 differences between these two illustrations. How many can you find? <br> ANSWERS, PAGE 76 <br> 



## MINMOVES PUZZLES

n MinMoves puzzles you are given a set of chairs around a table with a person whose name begins with the letter shown. You want to rearrange the people in the chairs to be sorted in alphabetical order in a clockwise fashion, with one empty chair just to the left of the person whose name begins with $A$, and $A$ must be in position 1. The goal is to minimize the number of moves.

ANSWER, PAGE 76

HERE'S THE SOLUTION TO THE WARMUP PUZZLE:


NOW HERE IS THE PUZZLE FOR THIS ISSUE:


Find a way to achieve a sorted outcome using at most 12 moves, where the allowed move is to move two or three seats away to an empty chair in either direction.

## WARMUP

Below is the starting arrangement. In each move, you are allowed to move a person from one chair to an empty chair four away in either direction. Use at most 8 moves to get to a sorted order.


## Dungeon Sudoku <br> By Raymond Young



These two puzzles are a combination of sudoku and maze-solving. Before you begin, read the rules from start to finish.

1. First, solve the sudoku puzzle within the dungeon using the digits 1 through 7 and two letters. That is, each of the digits from 1 through 7 and each of the two letters should appear exactly once in each row, column, and $3 \times 3$ box (as in a standard sudoku puzzle).
2. In puzzle 1, G stands for Garlic and $V$ represents Vampire. In puzzle 2, M stands for Mirror and G for Gorgon.
3. After you've solved the sudoku puzzle, guess which of the two entrances leads to a solution-and not certain death. Then, go
through the entrance you chose. Collect your weapons (Garlic or Mirror) as you encounter them. Use them to defeat the monsters, one weapon per monster. Note that you may double back on your path once you reach and collect a weapon. Weapons and monsters disappear as you collect them or defeat them.
4. You must clear the dungeon of all nine monsters before passing through the exit.

Can you defeat all the monsters and clear the dungeon? Good luck on your quest!


## - Your Word Against Mine: Scrabble Happenings, Puzzles, and Tips•

## Last-Second Heroics

There are a number of topics that come up again and again in conversations among Scrabble players: who belongs on Scrabble's Mount Rushmore, impressive plays, painful defeats. My favorite of these conversations is what we consider to be the greatest single Scrabble play anyone has ever made. Choosing one is no easy task, even when considering only the "official" games played at sanctioned tournaments.
There are lots of different types of plays one could consider. For example, under the category of "flashy" is Nigel Richards' legendary play where his rack was CDHLNR?. It could easily have been a fine play of CHILDREN through an open E. Instead, it became CHLORODYNE through an open O, O, and $E$. This deserves all the applause it has gotten-it takes a certain level of determination to keep looking after spotting the word CHILDREN. It takes an amazing brain to know and retain the word CHLORODYNE. And then it takes an amazing anagrammer to spot the opportunity given the $\mathrm{O}, \mathrm{O}$, and E placed so perfectly on the board.
Then there are the plays that involve extraordinary word knowledge. Top experts all know the high probability sevenand eight- letter words, even the obscure ones, but sometimes lower probability words are needed. Some beautiful examples are SHOWBIZ (played by Joe Edley), CUSHATS (Mack Meller), UMBELULE (Will Anderson), HIERODULE (Nigel Richards), and WATERZOOI (Jim Geary).
But to me, the most impressive type of play is an endgame play. In Scrabble, the term "endgame" is very precise-it means the sequence of turns made after the tile bag is empty. At that point, the probabilistic nature of the game is over and it becomes more like chess-all the material is exposed, you know what letters your opponent has, and you can step through various sequences (if I play this, she'll play that, and then I can play this to use all my tiles and end the game). The most challenging part of endgames is that sometimes there is only a single winning path-if you don't make your sequence of turns perfectly, the game is lost. (This is similar to, say, basketball or football, where one shot or play at the end completely determines the outcome-and it's why we remember those last-second plays more than important plays in the middle of game.) Endgames can be brutally hard, and
when players find the game-winning sequence with the clock ticking down to the final seconds-well, to be honest, there is no more rewarding moment.

As for my favorite endgame play, it was made by Brian Cappelletto (a former World Champion and National Champion) back in the year 2000. Joe Edley featured it in his book, Everything Scrabble (Volume 3, page 257):

|  | A | B | c | D | E | F | G | H | 1 | J | K | L | M | N | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | B. | A | G |  | G |  |  |  |  |  |  |  |  |  |  |
| 2 |  | 1. | L | 1. | A | C |  |  |  | timex |  |  |  | pown |  |
| 3 |  |  | 0 |  | U |  | count |  | cover |  |  |  | wout |  |  |
| 4 | J. | 1. | B, | E | R |  |  | (ounu |  |  |  | - |  |  | cover |
| 5 |  |  | 1 |  | wout |  |  |  |  |  | moued |  |  |  |  |
| 6 |  | U. | N, | 1. | T | mum |  |  |  | mir |  |  |  | H. | 0 |
| 7 |  |  | coume |  | W | 0 | 0 | S | ) owner |  |  |  | D | E | X |
| 8 |  |  |  | F | 0 | R, | D | 0 |  |  |  | ocunu | E | R, | E |
| 9 |  |  | count | A |  | C, | E, | L | T |  | 2. | A. | $Y$. | 1 | N |
| 10 |  | ${ }_{\text {cink }}$ |  | U | M | ${ }^{\text {nin }}$ |  |  |  | Tin |  |  |  | 0 |  |
| 11 |  |  | F. | L | 1. | N, | G |  |  |  | ooval |  |  | T. |  |
| 12 | coune |  |  | D | E |  | N, | omat |  |  | Q | A | T | S | (over |
| 13 |  |  | covat |  | N |  | U, |  | cover |  | A, | V. | A |  |  |
| 14 |  | K, | E | P. | S | min | S. | T, | 0 | N, | 1. | E, | R | \%ower |  |
| 15 | $P$ | A | H. | 䢒 |  |  |  | A) | $Y$ |  | D | -owne | E, | R. | R, |

CAPPELLETTO'S RACK: E N N T
OPPONENT'S RACK: E $\quad$ E $L$ W
Cappelletto is behind 335-357, which means he needs points. The only word that scores enough points to catch him up is the five-letter interjection NERTZ at K5. But playing it means a sure loss, because his opponent would certainly respond with EWE parallel to NERTZ (forming EN/VE/ER) for 31 points. So what is Cappelletto to do? (HINT PAGE 80; ANSWER, PAGE 76)

## Bingo Vision

Sometimes at the end of a game of Scrabble, it's helpful to look at the remaining letters to see if your opponent might be threatening a bingo (a word that uses all seven tiles, earning a 50 -point bonus). Along those lines, in this crossword-style puzzle, each "clue" is nine letters among which you will need to spot a common seven-letter word. Some clues yield several words, but only one word will fit the completed grid.
As an example, if the given clue were ACMPSUUVW, the answer would be VACUUMS.

## ROWS

1. ABLLLOPUW
2. AEKNOORRV
3. ADEEGGMNO
4. ABENOSUVY

## COLUMNS

A. AELNOOSSU
B. ACDEEKLWY
C. AAEFHIMRR
D. ABEFLNNRT


## Where In The World?

Most place names are not acceptable in Scrabble-but a handful are. In each of these four puzzles, the highest-scoring play is also a place name that is playable in Scrabble. Place names may be current or historical, and may be the names of cities, countries, towns, states, or provinces. Also note that while the main word will be a place, you may also create other secondary words, and those are not necessarily places.

ANSWERS, PAGE 76


## -CONTEST•

## SEVEN BY SEVEN

By R. Wayne Schmittberger

|n this contest puzzle, your job is

First Prize $\$ 100$
5 Runner-Up Prizes: A ONE-YEAR SUBSCRIPTION TO GAMES wORLD OF PUZZLES to enter the 40 letters around the grid into the grid squares. Each letter may be placed in any empty square in the row, column, or long diagonal to which its arrow points (seven possible locations for some of the letters, four possible locations for the others). The object is to make eight seven-letter words-four reading across and four reading down, as in a crisscross. Every letter outside the grid will be used once in the grid, and the letters may appear in any order in each row and column. Some of the answer words are rather uncommon, and one is a proper noun and adjective. You might want to warm up with the similar but easier puzzles on page 49 before you attempt this one.
To enter, send the completed grid (the original or a facsimile) to: Seven by Seven Contest, GAMES WORLD OF PUZZLES, P.O. Box 184, Fort Washington, PA 19034. You may enter as many times as you like, but each entry must be mailed separately. Entries must be received by May 31, 2018. The winners of the first prize and the runners-up will be selected at random from among the correct entries.


## CODED CRISSCROSS VI

## From September

I
n the sixth Coded Crisscross contest, solvers were presented with a grid that, when decoded properly, would reveal a set of 14 itemsthings, titles, or phrases-that all had something in common. As usual, each letter of the alphabet appear-
ing in the answer was represented by the same number throughout the grid. However, five of the 30 numbers found in the grid stood for specific single-digit numbers instead of letters, and one of the 30 numbers stood for a two-digit number. As it


SET-MAKING LOTUS<br>DIRE WOLF/RENEGADE<br>GAMES STUDIO<br>IPAD/ANDROID: \$5<br>BOARD GAME: \$30<br>AGE RANGE: EVERYONE<br>PLAY TIME: 10 MINUTES PER GAME

Much like the previous Dire Wolf/ Renegade collaboration Lanterns, Lotus is as much a gentle mood piece as it is a game. Both use Asian-inspired art and musical themes to create a quiet, almost meditative background for the simple yet appealing gameplay. This unique blend of color, sound, and pacing adds immeasurably to an elegant variation on set-building.

In Lotus, players build flowers petal-by-petal for points. Flowers are made by playing petal cards from your hand to the Lotus Garden. There are five kinds
of flowers, each with a unique shape, color, and value based on the number of petals, from 3 to 7. Players draw cards from either their own pile (facedown) or from a common wildflower tableau (faceup). These cards are played to create a finished flower, with the person who completes the flower earning 1 point per petal.

Each player also has a flower guardian that attaches to their petals. These are insects (butterfly, caterpillar, dragonfly, and ladybug) that are either attached to petal cards or played individually. When a flower is completed, the person who has the most guardian insects gets a special bonus. The bonuses are either special abilities, such as increasing hand size, adding a more powerful guardian to your pool, or gaining 5 extra points. It's possible to lose the flower

II, but Civilization VI opens up a few new ideas that make it a more interesting game. The heart is still here: You begin with a settler and must build cities, research new developments, and expand across the globe as you progress from huts and farms to a highly developed space-faring people. It's still turn-based, with a wide range of starting conditions and variations, including historical scenarios. Actor Sean Bean (Lord of the Rings) narrates a visually slick presentation, and by this we can take the high quality of the interface, artificial intelligence, and functionality of the game for granted.
The question thus becomes: What's new? For the sixth time out, the designers focus on unstacking cities and changes to the research tree. Rather than simply occupying one hex with various improvements, a city is spread out over a region with effects

points and still win the guardian bonus.

Balancing all this is where the strategy element comes in, as players must be careful not to add too many petals to a flower that someone else is going to swoop in and complete the next turn.

The game can be played by two to four people, with easy, medium, and hard AI
settings and multiplayer support. Points can change quickly, with one player surging ahead by 12 on a single turn, so it requires planning to do well. Victory, however, almost seems beside the point, since placing the petals and guardians and watching them take shape is enjoyable without even worrying about winning.

provided by terrain for dif- of culture and government. ferent districts. For example, Civics unlocks policy cards, a military or educational which allow players to shape district develops from an en- the way the government campment or university, with addresses certain issues. This features like barracks and creates a much more interlibraries providing bonuses esting set of challenges as to military or research.

The other big change is to the technology tree, which now includes a separate civics tree. This makes cultural victories more likely as pure research and civics research proceed on different tracks, enabling the development of more sophisticated types
players fine-tune not just what they'll build, but how their approach to governing affects society. It all adds up to a deeply satisfying strategy game, now available on many platforms, and coming soon to gaming tables thanks to a boardgame version in development.

TILE-LAYING<br>THIS BELONGS IN A MUSEUM RATHER DASHING GAMES<br>\$25<br>PLAYERS: 2-4<br>AGE RANGE: 10+<br>PLAY TIME: 20-30 MINUTES

Taking its title from a line in Indiana Jones and the Last Crusade, this archaeology-themed tile-laying game is quick to set up and fun to play. It's the third title in the Drawn \& Quartered series-games with similar base mechanics enlivened by variations in play and theme. TBIAM uses character types drawn straight from the Indiana Jones films, all designed to look just this side of an intellectual property lawsuit. Each game in the series unfolds in a similar way: Players lay tiles from their hands to score points and
use action icons that allow them to rotate, swap, or replace tiles on the table. The goal is to connect matching dig sites back to your base camp while collecting artifacts for bonus points.

Each player has an archaeologist with a camp, artifact tiles, and mummy, all in matching colors (green, blue, red, or yellow). The game begins with a mummy tomb on the table, and the play area expands as people draw and place dig sites and terrain features. These dig sites come in four colors corresponding to the four player colors. In order to score them, a player needs to be able to trace a path from the site to the base camp via mountain, river, and airport tiles. Terrain tiles are the "roads" in the game, and if a dig site is on the board but not connected

back to the base camp, it doesn't score.

Each turn, a player can place a tile, resolve a tile action (optional), move an archaeologist to collect an artifact, or move a mummy. If your mummy is on an opponent's dig site, you get his points during the scoring round. The goal is to lay and change tiles to maximize the connections to your base camp while also denying connections
to everyone else, collecting unique artifacts along the way. One point is scored for every dig site square; each bonus artifact earns 3 points.

It's a little tricky to grasp at first, but the short introductory video on the Rather Dashing website lays it out simply. From there gameplay is easy and rewarding. Overall, this is a satisfying game with good-looking art and a fun theme.


## TILE-LAYING/SOLITAIRE SHAHRAZAD OSPREY GAMES, \$20 <br> PLAYERS: 1-2 <br> AGE RANGE: 8+ <br> PLAY TIME: 10-20 MINUTES

1n One Thousand and One Nights, Shahrazad spins unending stories each night to save her life. In this game, the goal is more modest: Lay tiles inspired by classic fairy and folk tales to form continuous patterns for points.
Whether played solo or cooperatively, Shahrazad is a game of tile-laying solitaire in which you form a tableau for points. In this case, the tableau is shaped from 22 square tiles made of heavy cardboard. The tiles are numbered 0 to 21 and form non-consecutive sets in four different colors (gold, black, red and blue). Each tile has a title and illustration of some archetypal storytelling motif, such as Strength (Puss in Boots) or the Tower (Rapunzel).

In this way, the cards have almost a tarot-like quality; they could easily be used as cues for storytelling.

That, in one a sense, is what the mechanics of the game try to do, with players stringing together columns and rows of tiles from left to right to create a kind of narrative. Each turn someone draws a tile and places it faceup in a tableau. Tiles can be played in columns four high (three for twoplayer games), but the key rule is that no tile can have a lower number value than an adjoining tile to its left. In other words, when a tableau is completed, you should be able to trace unbroken lines from 0 on the left to 21 on the right, with each tile having a higher number than the tile (or tiles) touching its left side.

If this isn't the case when the final tile is placed, any bad titles are turned over. Tiles blocked by facedown tiles from reaching the final column are also turned

over. Players earn points for the largest groups of all four colors, then subtract the facedown tiles for a first-round score. Bad tiles are removed, a second round is played with those remaining, and the combined score from both rounds is the final score.
Gameplay involves managing placement against
the luck of the draw while forming a tableau, much like traditional card-based solitaire/patience games. The beautiful and evocative art of Shahrazad creates lovely layouts with a modicum of strategic challenge. It's as much a puzzle as a game, with the theme adding a charming atmosphere.

GOOD CHOICE FOR FANS OF: DIXIT
AAMCB


## Off the Bookshelf: The Purloined Puzzle

Cora Felton returns in this cockamamie crime novel, the 19th book in Parnell Hall's Puzzle Lady series.

Although Cora's smiling face graces a popular syndicated crossword puzzle, the foul-mouthed, libidinous senior can't stand crosswords. (Her niece, Sherry, writes them.)

One morning, a teenager named Peggy Dawson bursts into Cushman's Bake Shop and announces that she's got a crossword for Cora. To compound problems, Melvin Crabtree, Cora's "least favorite ex-husband," arrives unexpectedly. A seasoned con man, Melvin claims he's working on a real estate scam. Things quickly spiral out of control, as bloody knives, corpses, crack cocaine, and more mysterious puzzles
pile up in Bakerhaven.
Cora begins working on the case for Becky Baldwin, a lawyer who often hires her to do some snooping. It's not long before Cora is arrested. As Chief Harper explains, she's fabricated evidence, obstructed justice, and interfered with an investigation.

The convoluted plot is beside the point; the real fun is watching Cora tangle with anyone who gets in the way of her solving the crime, including the county prosecutor.

Revealing the ending would be unfair, but let's just say that someday we'd love to read a tell-all book about the Puzzle Lady.
To learn more, visit
www.parnellhall.com.

## Remembering Maura

Maura Jacobson, a celebrated cruciverbalist, passed away last December.

A prolific constructor, she wrote more than 1,400 crossword puzzles for New York magazine and published 25 crossword books. She also contributed a puzzle to the American Crossword Puzzle Tournament in each of its first 34 years.

Jacobson's passion for puzzles began around age 11, when her father proposed they solve a crossword together. Later, while teaching kindergarten, she dashed off a crossword on a lark and sent it to Margaret Farrar, the legendary editor. Farrar suggested some changes and, eventually, published the puzzle. It was the first of 66 to appear in the New York Times.

Solvers loved Jacobson's amusing themes and witty wordplay. She once concocted a quirky crossword involving a monastery opening a fish and chips shop. "Are you the fish friar?" asked one clue. The answer was: "NO I AM THE CHIP MONK." (Try your hand at one of her crosswords on page 52.)

Will Shortz, the New York Times puzzle editor, always scheduled Jacobson's puzzle as the final challenge on Saturday at the ACPT because it was guaranteed to put competitors in a good mood. Shortly after her death, he wrote: "Maura Jacobson was a national treasure."


## May You Never...

Hey, quiz kids! Here's a little head-scratcher revolving around the word "may" in its many forms. Identify them all and maybe you'll get a pat on the head.

1. Taut 1964 thriller about military leaders plotting to oust the U.S. president.
2. Virtuoso guitarist who wrote the classic anthem "We Will Rock You" for Queen.
3. Hawthorne's short story about doomed revelers discovered by the Puritan John Endicott.
4. Common type of relationship among Hollywood stars and rock-and-rollers.
5. Prolific author whose memoir, Journal of a Solitude, was a surprise bestseller.
6. First line of a well-known, traditional Hibernian blessing.
7. When the lover unto his true love says, "Sweet Peg, thou shalt be my Summer's Queen."
8. Quaint seaside resort known for its bed-andbreakfasts and its beautiful "diamonds."
9. David Cameron's successor as Prime Minister of the United Kingdom.
10. Your attitude regarding this ridiculous quiz and the pretentious jackass who wrote it.

## Seven by Seven

BY R. WAYNE SCHMITTBERGER

In each puzzle, enter the 40 letters around the grid into the grid squares. Each letter may be placed in any empty square in the row, column, or long diagonal to which its arrow points (seven possible locations for some of the letters, four possible locations for the others). The object is to make eight seven-letter words-four reading across and four reading down, as in a crisscross. Every letter outside the grid will be used once in the grid, and the letters may appear in any order in each row and column. All the answer words are reasonably common, and none are capitalized. If you can solve all of these puzzles, try the similar but much more difficult contest puzzle on page 44!

ANSWERS, PAGE 75


## Split Decisions =

BY JOEL NANNI

The only clues in this crossword are the letter pairs provided in the grid. Each answer across and down consists of two words, which share the letters to be entered in the empty squares. In the example below, the empty squares are filled with the letters S, E and W to make SINEW and STREW. No proper names are used in the grid. A few of the combinations in the grid may have more than one possible answer, but only one will fit with the crossing answers.


## Double Cross 9 !

BY MICHAEL ASHLEY

Answer the clues on the numbered dashes, one letter per dash. Then transfer the letters on the dashes to the correspondingly numbered squares in the puzzle grid to reveal a quotation reading from left to right. (Black squares separate words.) When you're done, read down the list of answers; their initial letters will spell the author's name and the source of the quotation.

A. Meticulously attentive

$$
\overline{151} \overline{54} \overline{3} \overline{37} \overline{139} \overline{205} \overline{195} \overline{180}
$$

B. Scale of magnitude creator $\quad \overline{84} \quad \overline{152} \overline{38} \overline{75} \overline{64} \overline{16} \overline{19}$

C. Scene of fierce | fighting on June 6, | $\overline{110}$ | $\overline{104}$ | $\overline{71}$ | $\overline{15}$ | $\overline{76}$ | $\overline{141}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |$\overline{133}$ 1944: 2 wds.

D. Long Island-based periodical
E. Nickname for Pennsylvania
F. Mockingly ironic

$$
\overline{100} \overline{150} \overline{90} \overline{67} \overline{159}
$$

G. Oscar-winning actor born in Vienna: 2 wds. $\overline{55} \overline{128} \overline{103} \overline{63} \overline{189} \overline{62} \overline{109} \overline{1} \overline{201}$

$$
\overline{30} \overline{125} \overline{27} \overline{144} \overline{91}
$$

H. Moonshine

$$
\overline{44} \overline{121} \overline{199} \overline{29} \overline{158}
$$

I. 1977 album that sold 40 million copies $\quad \overline{160} \quad \overline{193} \quad \overline{116} \quad \overline{175} \quad \overline{61} \quad \overline{185} \overline{11}$
J. Paula Hawkins' follow-up to The Girl $\overline{28} \overline{34} \overline{74} \overline{87} \overline{5} \quad \overline{98} \overline{73} \overline{200} \overline{56}$ on the Train: 3 wds.
K. Secluded state

$$
\overline{161} \overline{114} \overline{20} \overline{191} \overline{96} \overline{149} \frac{}{46} \overline{85}
$$

L. 1982 film nominated for 10 Academy Awards

$$
\overline{122} \overline{83} \overline{137} \overline{97} \overline{142} \overline{8} \overline{112}
$$

M. Pondered excessively
N. Staple of most thrillers: 2 wds.
O. Terre Haute
native, e.g.

$$
\overline{167} \overline{102} \overline{2} \overline{59} \overline{12} \overline{17} \overline{22}
$$

P. Island in the Bahamas Archipelago
$\overline{92} \overline{140} \overline{47} \overline{25} \overline{190} \overline{136} \overline{45} \overline{108} \overline{156}$
Q. Cad

$$
\overline{164} \overline{35} \overline{58} \overline{196} \overline{99} \overline{32}
$$

R. Statesman much

| $\begin{array}{l}\text { Statesman much } \\ \text { admired by Kissinger }\end{array}$ | $\overline{48}$ | $\overline{39}$ | $\overline{113}$ | $\overline{123}$ | $\overline{177}$ | $\overline{118}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\overline{186}$ |  |  |  |  |  |
|  | $\overline{94}$ |  |  |  |  |  |

S. Nifflers and

Nundus, per J.K.
Rowling: 2 wds.
T. Attractive

$$
\overline{170} \overline{153} \overline{120} \overline{6} \overline{157} \overline{202} \overline{188} \overline{88}
$$

U. Parks and Recreation's Ron Swanson: 2 wds.

$$
\begin{array}{r}
\overline{89} \overline{41} \overline{50} \overline{72} \overline{79} \overline{147} \frac{}{155} \overline{163} \overline{171} \\
\frac{\overline{77}}{\frac{1}{18}} \frac{}{10}
\end{array}
$$

V. To begin with: 3 wds .
 192
W. Money in

| reserve: 2 | wds. | $\overline{42}$ | $\overline{168}$ | $\overline{143}$ | $\overline{70}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 183 | $\overline{132}$ | $\overline{154}$ |  |  |  |

## GAMESMANSHIP Gen $_{=}^{=}$

## ACROSS

1 Teheran citizen
6 Minimums
12 Clay, today
15 Jubilation
19 " $\qquad$ is an island...
21 Seasonal winds
20 Ratify
23 Bobby Fischer's lineage?
25 Be a fink's accomplice?
26 Lawmakers
27 President's "no"
29 Appraisers
30 Mr . Parseghian
31 College rookies
33 Tranquil
34 Familiarize
38 __ Rabbit
39 Break loose
41 Top meld?
44 A famous Taylor
47 Way to play patience games
48 Additions
49 Laird
50 Confront
51 Eye, of sorts
52 Within: Prefix
53 To a degree
$54 M^{*} A^{*} S^{*} H$ role
55 Wings
56 Slangy assent
57 Game piece
58 Diamond in the vault?
65 Con's place
66 Country: Sp.
67 Gold Rush city
68 Bailiwick
69 Ms. Ekland
71 Moroccan province
72 __ even keel
76 Berne's river
77 Phone cubicle
78 Canadian Indian
79 Feel one's way
80 NFL scores
81 Old bridge game directions?
84 Doddering
85 Verb with "thou"
86 Fictional child
87 What to call a shovel
89 Cuspids
91 _Abner
92 Goes "baa"
93 Medieval servant
94 Spanish explorer
99 Version of gin?
101 Couturier's game?
104 Control tower concern
105 Richards of tennis, et al.
106 Fiat


## Stamese Twins 9

This puzzle gives you two grids for the price of one. And two sets of clues to go with them, so you can work both crosswords at the same time. What's the catch? Each clue number is followed by two different clues to two different answers. The puzzle is to figure out which answer goes with which grid. 1-Across has been filled in for you.

## ACROSS

1 BBC detective series.. ..and the villain it originally featured
9 Scored $100 \%$ on
Several: 2 wds.
13 Heavy pots and pans, e.g.
God with a trident
14 Highway part
Fame star Irene
15 "Now hear this!": 2 wds. Sports-themed restaurant at Disneyland: 2 wds .
16 Semester, say Opening bet
17 Gillette razor Not just a thinker
18 Paranormal gift Frat party dispenser
20 Gunk on a trunk El $\qquad$ (Spanish hero)
21 Berated, with "at" Animal at la corrida: 2 wds.
24 Furious Rolls-
26 Former jet to JFK The Speed Wagon was one
27 Low-frequency loudspeaker
Singer of the 2017 \#1 hit "Shape of You": 2 wds.
30 BBC sci-fi series...: 2 wds. ..and its featured aliens: 2 wds.

32 Mooching sort Certain fruit center:2 wds.
34 POV network Unlock, in poetry
37 The Godfather actor Alex
16th-century council site
38 University near Indianapolis
"__ show 'em!"
40 Punk rock subgenre B-ball official
41 "I'm impressed!" Pro golf's Ernie
44 German for "two" German for "everyone"
45 Foofaraws Firestone product
47 Amphibian native to tropical America: 2 wds. Nonobjective paper part: 2 wds.
50 Chamonix peaks Hidden mic
51 Grab some of the profits: 3 wds.
Go across
52 Where Sotheby's is " BID "
One-pot meal
532009 Super Bowl winners Ripped into



## DOWN

1 Tridents and lances Less harsh
2 Lilylike garden plants Baltimore baseballer
3 Gradually became prominent: 4 wds. Group morale: 3 wds.
4 Kidney-related Opening bit
5 Totally impress Designer Claiborne
6 Deep Space Nine security chief Did a 10K, say
7 Verifiable
Hit on the bean
8 Thigh-shin connector Folksy assents
9 In the way of: 2 wds.
Not stay idle
10 Vegas attraction with a Roman Empire theme: 2 wds.
Skillful dance-step execution: 2 wds.
11 Printing goofs Tempt
12 Gardener, at times Get a bit wet
19 Expansion Designer Cardin
22 Fund held in trust Far-off
23 Polish border river Job specification

25 Ruby, e.g. "'m impressed!"
2835 mm camera type Hit on the bean
29 Used a gardening tool Court order
31 Tolkien terror Stay-the-night site
32 Certain Greek islander Suckers for drinks
33 Alternative to cash Priest's discourse
35 Tickle pink Wheat in tabbouleh
36 Cake, candy and such Omitted in speech
39 Vatican-related Pre-Cortés Mexican
42 Twice tetraA great deal
43 Slight fight Small imperfection
46 Ending for Brooklyn Make clothes
48 Squeeze (out) Jazz critic Hentoff
49 Green of Casino Royale Sandra of Gidget

## TEst Your Trivia I.Q.

BY R. WAYNE SCHMITTBERGER

This quiz features three types of questions: true-false, worth 1 point for each correct answer; multiple choice with three choices, worth 2 points per correct answer; and multiple choice with four choices, worth 3 points each. Incorrect answers for all three types of questions lose 1 point each. Skipping a question is allowed, and scores no points. Following the quiz is a ratings chart.

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TRUE-FALSE (1 point each)

1. To date, only one U.S. president was born later than 1946.

2. The middle names of actresses Dakota Fanning and Elle Fanning are, respectively, "Dakota" and "Elle."
3. The first stadium built especially for football was at Harvard.
4. Jim Henson and his wife Jane originally created the Muppets for the TV show Sesame Street.
5. The lyrics to the song "Auld Lang Syne" were written by Scottish poet Robert Burns.
6. The first Roman emperor was Julius Caesar.

7. In 1952, Albert Einstein was offered the presidency of Israel.

8. Rome, Italy, is farther north than New York City.

9. The flags of both France and Russia are made up of rectangular regions colored red, white,
 and dark blue.
10. U.S. Route 1 is the longest north-south road in the United States.

## MULTIPLE CHOICE (2 points each)

11. Of the original "Mercury 7" astronauts, who was the only one to ever walk on the moon?
a. Scott Carpenter
b. John Glenn
c. Alan Shepard
12. The locomotive characters Thomas \& Friends live on what fictional island?
a. Kandor
b. Mordor
c. Sodor
13. In which Star Wars movie is the final spoken line "May the Force be with you"?
a. Return of the Jedi
b. The Force Awakens
c. The Last Jedi
14. What is the Latin word for the number "six"?
a. hex
b. sex
c. six
15. Which is not the code for a Chicago airport?
a. CLT
b. MDW
c. ORD
16. When was the Palace of Governors built in Santa Fe, New Mexico?
a. 1610
b. 1710
c. 1810
17. What jazz singer was known as the "Divine One"?
a. Ella Fitzgerald
b. Billie Holiday
c. Sarah Vaughan
18. What Flemish Baroque artist painted The Garden of Love?
a. Rembrandt
b. Rubens
c. Van Dyck
19. Which is a main ingredient in vichyssoise?
a. clams
b. potatoes
c. tomatoes
20. What is the Paris subway system called?
a. le métro
b. le sous-terrain
c. le subway


## Paint by Numbers $\xlongequal{=}$

These eight puzzles feature a unique blend of logic and art. The numbers are all you need to determine which squares should be filled in to form a picture. Here's how it's done:
The numbers outside each row and column tell you how many groups of black squares there are in that line and, in order, how many consecutive black squares there are in each group. For example, 4592 tells you that there will be four groups that will contain, in order, $4,5,9$, and 2 consecutive black squares. The fact that the numbers are separated tells you that there is at least one empty square between them. (There may also be empty squares at the ends of lines.) The trick is to figure out how many empty squares come between the black ones.
Here's a starting hint: When there's a single number in a row and that number is greater than half the number of squares in the row, you can fill in one or more center squares. For example, in the sample below (Figure 1), which is 10 squares wide, the sixth and seventh rows each have the number 8 . No matter how you place eight consecutive black squares in a row, the middle six squares will be filled in (Figure 2). Similar logic can be used to start a line that has more than one number in it. In the sample, the third column contains the numbers 16 . The single black square and the following empty square must take up at least two squares above the 6 . No matter how they get placed, the fifth through eighth squares of the column will be black (Figure 3). Figure 4 shows the completed picture.

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Figure 1


Figure 2


Figure 3


Figure 4

| (1) |  | 5 | $\begin{aligned} & 1 \\ & 5 \end{aligned}$ | $\begin{aligned} & 2 \\ & 5 \\ & 1 \end{aligned}$ | 4 |  |  | $\begin{array}{rl}  & 2 \\ 8 & 4 \\ 2 & 3 \\ 13 & 12 \end{array}$ | $\begin{gathered} 3 \\ 11 \\ 1 \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline \\ 2 \\ 1 \\ 3 \\ 12 \\ 1 \end{array}$ |  | $\begin{array}{ll} 2 & 2 \\ 0 & 1 \\ 3 & 2 \\ 2 & 13 \end{array}$ | $\begin{array}{r} 1 \\ 2 \\ 6 \\ 2 \\ 2 \\ 131 \\ 1 \end{array}$ |   <br> 2 4 <br> 2 5 <br> 1 1 <br> 2 1 <br> 13 7 | $2$ | 210\| |  | 14 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11121 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 711 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 732 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 264 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 321121 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}4103 \\ \hline\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5713 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6423 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 151322 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}15522 \\ \hline 15\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1452 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11352 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11252 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3311 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3210 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 58 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 46 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| (2) |  | $\begin{aligned} & 3 \\ & 3 \\ & 4 \\ & 3 \\ & 9 \\ & 2 \\ & \hline \end{aligned}$ | $\begin{aligned} & 2 \\ & 5 \\ & 4 \\ & 3 \\ & 6 \\ & 3 \\ & 1 \\ & 1 \end{aligned}$ | 2 1 <br> 2 1 <br> 2 2 <br> 5 3 <br> 2 3 <br> 4 1 <br> 2 2 |  | 2 |   <br> 2 5 <br> 1  <br> 1 10 <br> 4 1 <br> 3 8 |  | 2 2 3 3 2 8 | $\begin{aligned} & 2 \\ & 2 \\ & 4 \\ & 2 \\ & 1 \\ & 8 \end{aligned}$ | $\begin{aligned} & 2 \\ & 6 \\ & 3 \end{aligned}$ | ${ }_{1}^{2}$ | $\begin{gathered} 4 \\ 2 \\ 15 \\ 1 \\ 1 \\ \hline \end{gathered}$ | $\left.\begin{array}{\|c\|} 2 \\ 1 \\ 1 \\ 10 \\ 10 \\ 2 \\ 2 \\ 1 \end{array} \right\rvert\,$ | $\left\lvert\, \begin{aligned} & 1 \\ & 3 \\ & 1 \\ & 5 \\ & 4 \\ & 4 \\ & 4 \\ & 2 \end{aligned}\right.$ | $\begin{aligned} & 1 \\ & 7 \\ & 2 \\ & 5 \\ & 5 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1 \\ & 2 \\ & 1 \\ & 7 \\ & 2 \\ & 3 \\ & 1 \\ & \hline \end{aligned}$ | $\left\|\begin{array}{l} 2 \\ 2 \\ 1 \\ 7 \\ 1 \\ 1 \\ 2 \end{array}\right\|$ | 1 |  <br> 2 <br> 1 <br> 1 <br> 2 <br> 2 <br> 4 <br> 4 <br> 1 | 2 <br> 1 <br> 2 <br> 3 <br> 1 <br> 1 <br> 1 <br> 1 <br> 4 | $\begin{aligned} & 2 \\ & 3 \\ & 3 \\ & 1 \end{aligned}$ |   <br>   <br> 3  <br> 3  <br> 3 2 <br> 1 7 <br> 1 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 514 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 227 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12321 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 573 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 36112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4212 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13222 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22141 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5223 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 62111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42212 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13263 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1221144 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 214324 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 2 1 3 2 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43332 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12373 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23524 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 515112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 53312 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44141 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 431112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 2 3 1 3 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26141 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 214511 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1271 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1154 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 112212 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11252 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}122152 \\ \hline 22212\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 222122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31343 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



| 3 | 2 212 | 11 <br> 5 <br> 3 <br> 1 <br> 2 | 1  <br> 2  <br> 2  <br> 2  <br> 2  <br> 1 1 <br> 1  |  | 2 3 <br> 2 1 <br> 3 1 <br> 3 2 <br> 2 1 <br> 4 2 | $\begin{array}{ll\|} 3 & \\ 3 & 2 \\ 1 & 2 \\ 1 & 3 \\ 2 & 2 \\ 1 & 1 \end{array}$ | $\begin{array}{l\|l} 2 \\ 2 & 1 \\ 2 & 1 \\ 3 & 3 \\ 2 & 1 \\ 1 & 1 \end{array}$ | 1 <br> 2 <br> 1 <br> 2 <br> 3 <br> 4 <br> 4 | 22 | $\begin{array}{r} 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ \hline \end{array}$ | $\begin{array}{lll}3 & 2 \\ 1 & 1 \\ 4 & 3 \\ 1 & 2 \\ 2 & 1\end{array}$ | 2 1 1 1 |  |  | 2  <br> 1 1 <br> 2 1 <br> 2 1 <br> 5 4 <br> 1 1 |   <br> 1  <br> 1  <br> 1 1 <br> 4 1 <br> 1 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 811 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 132111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{llllllll}3 & 1 & 21111\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4313 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21421 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12223 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11142 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 319 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2243 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2183 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 446 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1126 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 243 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 41113 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 741 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 81 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| (4) |  | 3 | 4 1 1 1 1 3 | 2 2 1 1 1 3 |  <br>  <br> 3 <br> 3 <br> 1 <br> 1 <br> 1 <br> 1 | $\left\lvert\, \begin{aligned} & 1 \\ & 1 \\ & 2 \\ & 1 \\ & 1 \\ & 1 \\ & 1 \end{aligned}\right.$ | 1 <br> 1 <br> 2 <br> 1 |  | - |  | 3 |  | 2 | 1 | 1 | 4 | I |   <br> 1 2 <br> 2 1 <br> 1 1 <br> 1 2 <br> 2 2 | 1 2 1 1 | 1 1 3 2 2 3 |  <br> 1 <br> 1 <br> 1 <br> 2 <br> 3 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 411 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2214 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 81 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 236 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 103 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1123 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 223 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2312 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 117 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 76 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



## Paint by Numbers $\xlongequal{=}$

| 6 |  |  | $\begin{array}{r} 1 \\ \\ 2 \\ 2 \\ 2 \\ 2 \\ 215 \\ \hline \end{array}$ | $\left\lvert\, \begin{aligned} & 2 \\ & 1 \\ & 1 \\ & 1 \\ & 1 \\ & 1 \\ & 1 \\ & 2 \\ & 2\end{aligned}\right.$ |  |  | 1 <br>  <br> 5 <br> 5 <br> 1 | 3 $\begin{aligned} & 3 \\ & 2 \\ & 2\end{aligned}$ | 6 <br> 1 <br> 2 <br> 2 | 4 <br> 29 <br> 8 <br> 8 |  | 1 4 <br> 1  <br> 5  <br> 5  <br> 11  <br> 111  <br> 1  | 4 2 <br> 3 1 <br> 1 7 <br> 14  |   <br> 6  <br> 2 4 <br> 2 2 <br> 1 3 <br> 7  <br> 7 10 <br> 5 5 | $\left\lvert\, \begin{aligned} & 4 \\ & 1 \\ & 3 \\ & 2 \\ & 3 \\ & 3 \\ & 1 \\ & 3\end{aligned}\right.$ | 4 <br> 1 <br> 1 <br> 1 <br> 6 | $\begin{array}{c\|c} 4 & \\ 2 \\ 2 & \\ 1 & 3 \\ 9 & 10 \\ 5 & 10 \\ \hline \end{array}$ |  |  | 4 3 9 | 8  <br> 9 6 <br> 6  | 210 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r} 11 \\ 12 \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{lll} 3 & 12 \\ \hline & 5 & 5 \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 92114 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9112112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - 25413 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21121213 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}151142 \\ \hline 1\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 1 1 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| +22212131 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 <br> 2 111111111223 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}2521226 \\ \hline 211338 \\ \hline\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2111338 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 81339 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21214 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11314 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 213444 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 112104 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 133243 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21331 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1222 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2213 557 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}557 \\ \hline 13\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 13 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


|  | 4 <br> 2 <br> 3 | 近 | 5 <br> 1 <br> 8 <br> 2 <br> 2 | 5 6 2 2 |  <br>  <br> 6 <br> 8 <br> 8 <br> 3 <br> 1 <br> 1 | $\left\lvert\, \begin{aligned} & 7 \\ & 2 \\ & 4 \\ & 1 \\ & 2 \\ & 1 \\ & 1\end{aligned}\right.$ | $\begin{aligned} & 1 \\ & 4 \\ & 2 \\ & 2 \\ & 2 \end{aligned}$ | $\begin{aligned} & 5 \\ & 2 \\ & 2 \\ & 1 \end{aligned}$ | $\begin{aligned} & 2 \\ & 2 \\ & 1 \\ & 1 \\ & 2 \\ & \hline \end{aligned}$ | 1 | 3 | 3 |  |  |  |  |  | 6 |  | 6 1 7 9 | 10 <br> 1 <br> 2 <br> 9 | $\begin{array}{lll}1 & 1 \\ 8 & 1 \\ 8 & 7 \\ 2 & 2 \\ 11 & 11\end{array}$ | $1 \begin{aligned} & 1 \\ & 2 \\ & 2 \\ & 3 \\ & 3 \\ & 10\end{aligned}$ | $\|$1 <br> 2 <br> 1 <br> 1 <br> 3 <br> 1 <br> 7 <br>  | $\left\lvert\, \begin{aligned} & 2 \\ & 3 \\ & 1 \\ & 1 \\ & 2 \\ & 2\end{aligned}\right.$ | 1 <br>  <br> 6 <br> 3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2224 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 102 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 832 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8621 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 63821 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4211011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1221211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 221121 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 174 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 286 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3816 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3141 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 41211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 518 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1385 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12821 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 191 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 414 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1316 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 117 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 118 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11218 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12318 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2320 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 218 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 415 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| (8) |  | (1) | $\begin{array}{\|l\|l\|}  & 1 \\ 2 & 2 \\ 2 & 4 \\ 2 & 3 \\ 3 & 1 \\ 1 & 1 \\ 1 & 2 \\ 1 & 4 \\ 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 2 & 1 \\ 3 & 1 \\ 1 & 1 \\ 5 & 2 \end{array}$ | 2l\|l| | $\begin{array}{\|l\|l}  & 1 \\ 3 \\ 1 & 2 \\ 3 & 2 \\ 3 & 2 \\ 1 & 1 \\ 3 & 2 \\ 2 & 2 \\ 2 & 1 \\ 1 & 2 \\ 1 & 3 \\ 2 & 1 \\ 2 & 1 \\ 1 & 1 \\ 1 & 1 \\ 2 & 4 \\ \hline \end{array}$ | $\begin{array}{llll} 1 & 1 & 1 \\ 2 & 3 & 3 \\ 1 & 5 & 4 \\ 2 & 4 & 1 \\ 3 & 1 & 1 \\ 1 & 8 & 4 \\ 1 & 4 & 3 \\ 1 & 1 & 2 \\ 1 & 1 & 1 \\ 4 & 1 & 3 \end{array}$ |  | $\begin{array}{lll} 1 & 1 \\ 1 & 1 \\ 1 & 1 \\ 4 & 1 \\ 3 & 1 \\ 4 & 3 \\ 2 & 3 \\ 7 & 2 \\ 7 & 2 \\ 1 & 1 \\ 2 & 10 \end{array}$ | $\begin{array}{ll} 1 \\ 1 & 2 \\ 3 & 2 \\ 3 & 1 \\ 2 & 2 \\ 2 & 2 \\ 1 & 3 \\ 2 & 1 \\ 3 & 1 \\ 5 & 1 \\ 0 & 2 \end{array}$ | (1) | $\begin{array}{\|lll}  & 1 \\ & 1 \\ 2 \\ 1 \\ 1 \\ 2 & 2 \\ 2 & 2 \\ 1 & 2 \\ 3 & 2 \\ 2 & 2 \\ 4 & 2 \\ 2 & 6 \\ 2 & 2 \\ 4 & 1 \\ 3 & 1 \\ 4 & 2 \end{array}$ |  |  |  1 <br> 2 1 <br> 2 1 <br> 2 2 <br> 1 1 <br> 2 3 <br> 4 5 <br> 12 11 <br> 7 3 | $\begin{array}{\|l\|l\|}  & \\ & \\ & \\ & \\ 1 & 2 \\ 1 & 2 \\ 1 & 7 \\ 1 & 7 \\ 9 & 5 \\ 3 & 13 \\ 1 & 2 \\ 11 & 1 \\ 1 & 1 \\ \hline \end{array}$ |  | $\begin{array}{lll} 2 & 2 \\ 3 & 3 \\ 4 & 2 \\ 2 & 2 \\ 2 & 2 & 2 \\ 1 & 1 \\ 6 & 10 \\ 6 & 3 \\ 1 & 3 \\ 1 & 3 \end{array}$ | $\begin{array}{cc} 2 & \\ 3 & 1 \\ 2 & 4 \\ 2 & 2 \\ 2 & 2 \\ 1 & 1 \\ 10 & 8 \\ 3 & 3 \\ 3 & 1 \end{array}$ |  1 <br> 3  <br> 1 2 <br> 3 2 <br> 1 1 <br> 1 1 <br> 5 12 <br> 12 10 <br> 2 10 <br> 4 2 |  | ( | $\left\|\begin{array}{l} 1 \\ 1 \\ 7 \\ 1 \\ 1 \\ 3 \\ 2 \\ 7 \\ 7 \\ 1 \end{array}\right\|$ |  | $\begin{array}{lll}  & 5 \\ 4 & 3 \\ 2 & 4 \\ 2 & 4 \\ 3 & 4 \\ 2 & 2 \\ 2 & 2 \\ 2 & 1 \\ 2 & 1 \\ 5 & 2 \\ 1 & 1 \\ \hline \end{array}$ | $\begin{array}{lll}  & 1 & 1 \\ 2 & 1 \\ 1 & 2 \\ 2 & 2 \\ 2 & 2 \\ 1 & 2 \\ 1 & 1 \\ 1 & 2 \\ 2 & 2 \\ 2 & 1 \\ 1 & 1 & 2 \\ 2 \end{array}$ | $\begin{array}{ll} 1 \\ 1 \\ 1 & \\ 2 & \\ 2 & 1 \\ 2 & 1 \\ 2 & 1 \\ 1 & 1 \\ 1 & 3 \\ 2 & 2 \\ 2 & 6 \\ 1 & 2 \\ 1 & 6 \\ 2 & 3 \\ 2 & 3 \\ \hline \end{array}$ |  |  | $\begin{array}{ll} 3 & 5 \\ 3 & 6 \\ 2 & 3 \\ 2 & 2 \\ 2 & 2 \\ 2 & 2 \\ 2 & 1 \\ 3 & 3 \end{array}$ | 1   <br> 6   <br> 1   <br> 1 3  <br> 2   <br> 3 1  <br> 1 1 1 <br> 1 3 3 <br> 1 6 1 <br> 4 5 3 <br> 2 1 6 <br> 1 1 2 <br> 1 2 1 <br> 1 1 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 222212121 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 83183221 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2211022111 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27811115621 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1831111132 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 258211214 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 436123122 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12411133 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22611131312 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 74413231 4613211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4613211   <br> 175 3 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3265114 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13334112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4224312 1112571 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r} 111225713 \\ 22722212 \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 121145121114 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 41442321211 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 112148131232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 122523314 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 313966 52733 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 52733 2542221 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}331535424 \\ \hline 17125322124 \\ \hline 12215129\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31122211122132 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 221217223 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4151182133 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23221712212 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 312295110 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2314105143 142921123 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14292112223 45954 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 282554 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1312213 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22361142 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 354121115212 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 222451211525 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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## Cryptic Crossword $1=?$

BY TIMOTHY MARTIN

Each clue in a cryptic crossword has two parts: a definition of the answer and an indication of the answer's literal makeup via wordplay. Either half may come first; finding the dividing point between the two parts is the key to solving. On page 61, eight common methods by which hints are given via wordplay are described; any combination of these gimmicks may be used.
Expect to see references to abbreviations (doctor for DR, Hawaii for HI, or university for U), chemical symbols (iron for Fe), Roman numerals (five for V), and parts of words (end of year for R, head of cabbage for C, or heart of stone for O). A clue with an exclamation point may be what's called an \& lit. clue, in which the two halves overlap, so the whole clue is both a definition and a cryptic indication of the answer, as in Terribly angered! for ENRAGED (see "anagrams" on page 61). Give these puzzles a try!



## ACROSS

1 Cora holds command to attack Napoleon's birthplace (7)
5 Spotty coverage from L.A. seems disorganized (7)
9 In brief, lawyer hurt case (7)
10 Designer Christian goes to doctors' group to create display (7)

11 You say we have to do the twist? (5)
12 Rookie football player is money in the bank (9)
13 Lame storm? Hardly! (9)
14 Defunct stadium failing to make a bundle (5)
16 Cozy arrangements established between Poles (5)

18 One fight features total turnaround (5-4)
21 Like some softball salesman's leisurely spiel (4-5)
23 Article taken from yearbook is void (5)
24 Peek back from behind barrier to see mixologist (7)
25 One is cornered by lionit's a sensitive affair (7)

26 Ne'er coming back to attempt a return (7)
27 Heart of Georgia in the middle of power loss-what an indignity! (7)

## DOWN

1 I will leave lady running the meeting-a mere scullery maid (9)
2 Go back over middle of stretch before Indy (7)
3 Oddly, see cars in pickups? (9)
4 Junk man leaves South Carolina behind to find nemesis (7)
5 Drastically trimmed exam (7)
6 Hubbub over nurse's dress (5)
7 Shady bunch flying A.F. Eagle (7)

8 Chimney collection (5)
14 Makes distinguished scenery for plays with one role $(4,5)$
15 Send Lee back into European country to write on spec (9)
17 Struggle's beginning; heart skips a beat (7)
18 Postmortem for spy crushed under a car (7)
19 Old Testament greeting spells tragedy (7)
20 One kidnapped by crazy seaman has memory loss (7)
21 Bores can be dignified (5)
22 Fold cheap leather near the middle (5)

## Cryptic Crossword 2 ? $=$

Anagrams: The answer appears in anagrammed form, preceded or followed by a word or phrase that suggests the mixing, as in Changing times for ITEMS.
Deletions: Deletions come in three varieties: beheadments, curtailments, and internal deletions.
The clue always contains a word or phrase indicating the deletion. Examples: Uncovered bent charm for ENCHANT, a beheadment of PENCHANT; Fiery bird without a tail for FLAMING, a curtailment of FLAMINGO; and Heartless miserly bloke for CHAP, an internal deletion of CHEAP.
Charades: The answer is broken into smaller words that are clued individually, as in Auto animal for CARPET.
Containers: A word such as PATIENTS "contains" TIE
inside PANTS, so it might be clued as Hospital residents make knots in trousers.
Hidden answers: The answer may appear intact, albeit camouflaged, in the clue. Example: Myopic colonel clutches flute for PICCOLO (myopic colonel).
Homophones: A word that sounds like the answer indicated by use of a giveaway phrase such as "We hear" or "as they say." Example: Counted frozen chicken out loud for NUMBERED ("numb bird").
Reversals: A synonym for "backward" or "overturn" in a clue may indicate a reversal, as in Returned beer fit for a king (LAGER reversed) for REGAL.
Double definitions: This type of clue has no wordplay half; instead, it has two definition halves. Example: Scooter was blue for MOPED. answers, page 79


27 Trains a new Russian VIP (7)
28 Deluge split apart back of rocky hill (7)
29 Craftsmen head away from supporters (8)
30 Bachelor endures wild parties (6)

## DOWN

1 Printer originally put down tartan design (5)
2 Busy with Asner in support of English silver (7)
3 Rickety rented slip broke into pieces (10)
5 Messily paint in amorphous patterns (7)
6 Put up with a pessimist on the Street (4)
7 Descendants in Northeast mature after fifty-one (7)
8 Tuscan tip, as Today features Italian dish (9)
10 Types oddly slow: retest (5)
14 Kind of game in streetcar going over Russian river (10)
15 The Oscar broadcast includes right musical group (9)
18 California's covered by fog in the wrong part (7)
19 Deeply embed rock in a ring (7)
20 Reportedly, fireplace is splendid (5)
22 Overseers lacking first-class feeding troughs (7)
25 Hearing refers to locations (5)
26 Cut back wrestling victories (4)

## PowerPoint Puzzle $\boldsymbol{\xi}_{\boldsymbol{日}}^{\boldsymbol{\ell}}$

- Each point in the grid in the cryptic crossword marks the intersection of two unclued entries.
- In each case the two entries are related in the same way.

| 1 | 2 | 3 | 4 |  |  | 5 | 6 |  | 7 | 8 |  | 9 |
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| 10 |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  | 12 |  | 13 |  |  |  |  |  |  |

## ACROSS

6 Waterfowl behind a dam on the Nile (5)
10 Looked forward to dance education (5)
11 Bury new med-school grad (6)
13 Do sulk about first of equations to solve $(4,3)$
14 Shot around \$100 for perfume (5)
16 Star Trek character, a boy going the wrong way (4)
19 File court proceedings against Ms. Grafton (3)
20 Ain't misbehaving after long high school class (5)
22 Europe rarely presents work by Wagner (5)
24 Bona fide running back covers kicker, an L.A. player (5)
26 Mighty short embrace (3)
28 Guinness beer cup (4)
30 Manages cabbies (5)

35 Howard Stern's second to appear in Live with Author Emily (6)
37 Rinse off a varnish ingredient (5)
38 Tight end holds Wisconsin center a couple of times (5)
39 Source of rubber in former times (5)
40 Angel's phrase translated (6)

## DOWN

1 Fancy women with that guy (4)
2 Singer Braxton, at college mixer (5)
3 Choose top bananas (3)
4 Some hammerheads have this writer filled with dread at the core (4)
5 As a Cockney might say, more unyielding spirit (5)
6 One more alien on Earth (7)
7 Little is agreed in Paris, according to reports (3)
8 A sex chromosome attached to part of a nerve cell (4)

9 Set anger aboil and arouse mutual enmity (8)
12 Old-school sleeping-car attendant from the South, doffing cap (5)
15 Call up Roger, interrupting Eve (5)
17 Latticework boxes displaying simple elegance (5)
18 Clete crashes A-list (5)
21 Lady with valuable rocks in abundance (6)
23 Hate endless harbor exercises (5)
25 Scarlet "A" is duplicated (6)
27 In general, a
constitutional hazard (6)
29 Stars aligned for Russian rulers (5)
31 Hook's spoken for a sailing vessel (5)
32 Passport endorsement is adopted by Veterans Administration (4)
33 Watched and heard fireworks (4)
34 Fonz's right, that thing's a pimple (3)
36 Spot Peg in the mirror (3)

## Diamond Mine

This variety cryptic crossword contains 40 words: 3 "veins" and 37 "clusters," with one letter per diamond. Each eight-letter vein (numbered 1, 2 , or 3 ) runs from one corner of the mine to the opposite quarter, going from right to left as shown. Each six-letter cluster occupies the six diamonds converging on one of the pink dots. Cluster words may be entered clockwise or counterclockwise. Twelve clusters (numbered 4 through 15) have the positions of their first letters shown in the diagram; the locations of the remaining clusters (lettered $a-y$ ) must be deduced. Clue answers include one proper noun and one uncommon word (cluster \#9).

ANSWERS, PAGE 79


VEINS
1 Detective's job is tailing diamonds in a bag
2 Britain's top authority on diamonds has relations with southern peasants
3 Diamond turned over amid misplayed aces-such blatancy

## CLUSTERS

4 Returned south with a diamond and love letters
5 Imitation diamonds, large and medium, used by artists
6 Diamond's ultimate shine is superficial
7 Objected to low grade inherent in acquired diamonds
8 Diamonds originally found with broken slate in river mouths
9 Pale green diamond in exquisite setting
10 Way to get to a star's diamond found by leaders of extortion and thievery

11 Wheelbarrows filled with high grade diamonds are measured in these
12 Removed diamonds from a bureau
13 French actress clutches black diamonds, essentially
14 Latter sort of warning from a diamondback
15 Young girl is reflected in fine diamonds
a Climb a trail
b Women sailed at sea
c Fuel shortage trapping one back in an old capital
d Area around a stately home
e Fairy tale's ending finishes comic strip
f Easy victims quietly taken in by associates
g "You're a mouse!"-a loud cry of discovery
h Doubled someone's \$100 with only a day
i Stop in unusual places
j Wooden strip on outside of picnic basket
k Individual crime: leg-breaking
I Trash can in spot for a spirited get-together?
m Throw out stupid dopes with energy
n Ruthlessly kill a member of the A's at first base
o Proper abridged edition is prepared
p Regiment is not present at attack
q Visitor left in clear distress
r Sick aunt gets well in time for leaving
s "Book Brief" from London Times
t Orchestra instrument's offering!
u Passes out counterfeits to the audience
v Lineman's gear
w Songwriters getting mark of excellence for Hair arrangements?
x Gifts from Florida tax organization
y Unsatisfactory fur is practical

## Some Assembly Required

Here's a real piece of work for you: A $14 \times 14$ grid of letters has been chopped up into puzzle pieces, and it's up to you to reassemble it. Start by entering the answer to each of the Pieces clues in the corresponding piece below (beginning with the numbered square). If you hit a snag, turn to the Rows clues. Each row (A-N) in the "tray" on the facing page contains two answers, to be entered consecutively. (The clues are given in order, but you must determine the dividing point between answers.) Use the Row answers and the pieces' unique shapes to determine the proper location of each piece within the tray. You won't need to overlap or rotate any pieces. Correctly placed, the 24 pieces will completely fill the tray. answers, page 80

(1

## PIECES

1 Israel's first native-born prime minister
2 Sputter to a stop
3 With haughty nonchalance
4 Surrealism's precursor
5 Flock of geese in flight
6 Flees the scene, in Britspeak
7 Most frequently
8 Swear off the sauce
9 Member of Santa's team
10 Last kid in the pool, perhaps: 2 wds.
11 Berated viciously
12 Consecrated
13 Fly with larvae called doodlebugs: 2 wds.
14 A big-screen Gidget: 2 wds.
15 Gross syrupy-sweet quality
16 All-girl all-nighter: 2 wds.
17 The "y" in yet, for example
18 Maine town that Hawkeye Pierce calls home: 2 wds.
19 Kind of pay that accompanies walking papers

20 Scrutinize closely: 2 wds.
21 Cylindrical buildings on military bases: 2 wds.
22 She played Marcy on Married... with Children: 2 wds.
23 Like thisclue
24 Jack-king combo in bridge, e.g.

## ROWS

A The Blue Ribbon of brews
The Big Dipper's constellation:
2 wds.
B Bottom-heavy fruit
Thrower of potluck BYOB parties, perhaps
C Decrease
Rules to live by
D Prepare for publication One who trekked West with gold-fever dreams: Hyph.
E Bamboo shoots, later Colombian seaport on the
C aribbean coast

F Military weaponry and ammo Tartan-inspired sock
G Hold in the highest regard Echo, to a sound man
H Whirling uncontrollably: 3 wds. Indigenous to the ocean floor: Hyph.
I Famously pacifistic Latin American nation: 2 wds Legitimate
J Skirt that's supposedly worn sans undies
Titled female
$\mathbf{K}$ Low-tech alternative to a TelePrompTer: 2 wds.
Get away from
L News story intro Twenty-four seven: 3 wds .
M Brains and good looks, e.g. Nonreigning royal female
N Clan member who's into symbols Make possible

## Family Reunions

BY REGIS MODESTA

Change each group of 10 words below into a "family" of different words (words or proper names that have something in common) by dropping one letter from each word and then rearranging the remaining letters. For example, given the entries HAUNT, HAIRDO, and ADVANCE, you could drop the N from HAUNT to get UTAH, drop the R from HAIRDO for IDAHO, and drop the C from ADVANCE to get NEVADA, all in the category "U.S. states." Can you reunite each family by determining the category for each and unscrambling the 10 entries? All answers are single words. If you need help getting started, a list of the four categories appears on page 76 .

ANSWERS, PAGE 80


## RUNAWAY CARAVAN $\xlongequal[=1]{ }$

BY R. WAYNE SCHMITTBERGER
Fill in each blank with a different three-letter word from the list below to form 14 seven-letter words. All the words are uncapitalized, although two of them can also be used as proper names. It may be possible to use more than one pair of words to form a seven-letter word with the same letter, but only one set of pairings will use all 28 words.

ANSWERS, PAGE 80


## FOLD THIS PAGE

## The World's Most Ornery Crossword BY HARVEY ESTES

## Cross My Heart

The crossword on this and the next two pages has two independent sets of clues: "Hard" and "Easy." First, fold this page back on the dashed line so the clues below face the solving grid on page 69. If you use only the Hard Clues (appearing below and continuing under the grid), you'll find the puzzle uncommonly challenging. If you want help, or prefer a less severe challenge, open to the Easy Clues (tucked in beneath your fold on page 68).

## Hard Clues

## ACROSS

1 Passage with locks \& vessels
10 Tries to become an expert in
19 IRA, for one
24 Get a second wind
25 Causing warm fuzzies, maybe
26 Helical
27 Court cry
28 Rings
29 Mug, e.g.
30 Longtime Philly Pops conductor
31 Pointed
32 Not polished
33 Removes evidence of
34 Slangy denials
36 Sputnik coverer
37 Ancient tongue
38 A Raisin in the Sun heroine
41 Herald
44 Carmina Burana, for one
45 Subtracting
49 Tears
51 Double Stuf cookie
52 Delivered
54 Medical suffix
55 Builds a pot
57 Revue part
58 Fed
59 Online article source
60 Spade stopper
61 Finger-wagging
62 Rip to ribbons
64 Lackluster performer
66 Florist's greenery
67 Alamo casualty William
69 Had down pat
71 Family subdivisions

73 Like a traitor's behavior
76 Mystic, for one
80 Makes fit
85 Benny's portrayer in Rent
86 Manage
87 Like tears
88 Vessel on a vessel
90 Working hard
91 Mongol title
92 Musical set in Argentina
93 Strictly academic
94 Flap
95 Least abrasive
97 Puts up
98 Unmatched
99 Opening for communications?
100 Just beat the clock
101 Menu section
102 Sparrows' kin
104 False start?
107 Puck or checker
109 Jolly Yuletide figures
110 Some protests
114 Pompeii art
118 Notes location
121 Peachy
122 Part of a foot
123 Mullah's home
124 Earth vessel
126 Ontario's neighbor
127 ATM button
128 Well alternative
129 Disney collectibles
130 Austria's capital, to locals
131 Haile Selassie devotee
133 Hardy heroine
1341998 Susan Sarandon movie
136 Murphy's portrayer

138 Tweety's foes
140 Atomic Blonde star
141 Cracked
143 Brake element
145 Like some bras
150 West African republic
151 Lesley Gore contemporary
154 Special type
157 Honor-thieves link
158 Get things moving again
159 Big name in French history
160 Booze
161 Babes in the woods
162 Quake origin
163 Banana oil, for one
164 Super's ring attachment
165 AWOL ones
DOWN
1 Range
2 Hold the cursor (over)
3 First words of Ozymandias
4 For the Future of Israel author
5 Studier's nook
6 Either of two track stars
7 Shade of blue
8 Declare
9 Played the siren
10 Beds on board
11 Went too far
12 Pry
13 Wharton maj.
14 International penalties
15 Many a Mormon
16 Stuffed pockets
17 Hot spots
18 Hotbed

## The World's Most Ornery Crossword (continued)

## Easy Clues

## ACROSS

1 Passage for seagoing vessels: 2 wds .
10 Studies intently: 3 wds.
19 Positive quality
24 Perk up: 2 wds.
25 Bringing to mind, as memories
26 Like a steeple
27 Reversed a court decision
28 Rings out
29 Overdo the acting: 2 wds.
30 Pianist from Brooklyn: 2 wds.
31 Sharp, as wit
32 Like unrefined oil
33 Wipes away
34 Slangy denials
36 ITAR- $\qquad$ (Russian news agency)
37 Highlands tongue
38 Songstress Horne
41 Introduce: 2 wds.
44 Choral composition
45 Not as much
49 Tears apart
51 Nabisco sandwich cookie
52 Brought into the world
54 "How sweet $\qquad$ !": 2 wds.
55 Tosses in a chip
57 Comedy sketch
58 Counterfeiter catcher: Hyph.
59 Online 'zine: Hyph.
60 Cheer for the home team
61 Ship's rear
62 Rip up
64 Late finisher: Hyph.
66 Flowerless plants
67 Country singer Randy
69 Was aware of
71 Biological classifications
73 Guilty of treason
76 Harbor city
80 Responds to change
85 Private Practice actor Diggs
86 Deal with it
87 Like seawater
88 Rescue vessel
90 "While you're $\qquad$ ...": 2 wds.
91 Genghis $\qquad$ -
92 Title role for Madonna
93 No longer worth debating
94 Get a move on
95 Most like a lamb
97 Builds, as a tower
98 Top-of-the-line: Hyph.
99 Prefix with phone or port
100 Enter cautiously: 2 wds.
101 Main courses
102 Noisy songbirds
104 Prefix meaning "false"
107 Frisbee shape
109 Some December mall workers
110 Forgoes food
114 Paintings on plaster
118 Office crew
121 "Groovy!"

122 1/36 of a yard
123 Present-day Persia
124 Spicy stew
126 Southernmost Great Lake
127 "Step right in!"
128 Unusual
129 Animation frames
130 Austria's capital, to Austrians
131 Dreadlocked Jamaican devotee
133 Della's Touched by an Angel role
134 Dad's new wife
136 Murphy Brown star Bergen
138 Skin designs, for short
140 Oscar winner Charlize
141 Barely open
143 High heel or loafer
145 Floor exercise
150 Neighbor of Nigeria
151 "I'm Sorry" singer: 2 wds.
154 Diner special: 2 wds.
157 In the midst of
158 Make alive again
159 Napoleon's last name
160 Spaghetti topping
161 Guilt-free ones
162 Focal point of an earthquake
163 Fragrant compound
164 It opens many doors: 2 wds.
165 They abandon the cause

## DOWN

1 Listerine rival
2 Hang like a chopper
3 " $\qquad$ man with seven wives": 3 wds .
4 Shimon of Israel
5 Library studying spot
6 He's a legend at Indy: 2 wds.
7 World's longest river
8 Declare with certainty
9 Strung along: 2 wds.
10 Docking spots
11 Went past
12 Odor detector
13 Bus. major's study: Abbr.
14 Approves
15 Marie Osmond, by birth
16 Pocket breads
17 Bakery fixtures
18 Bird's home
19 Refuse receptacle
20 Replacement for a flat: 2 wds.
21 Flight training equipment
22 Extensive knowledge
23 Gives an expected role
35 Pride and Prejudice author Jane
37 West Side Story faction
39 Monster's loch
40 Egyptian cross
42 Humorist Bombeck
43 Authentic
44 Origami bird
45 Final part of the process: 2 wds .
46 Pleaded with

47 Giving support to
48 Nottingham napkin
50 Former Illinois senator Everett
52 Artist's cap
53 Arabian sultanate
56 Peevish state
63 Pie or pudding
65 Fairy tale meanie
66 Grow faint
68 Makes ill
70 Loom user
72 Whitewater riders
74 Sounds of delight
75 $\qquad$ the crack of dawn: 2 wds.
77 Wonderland visitor
78 Marked with scars
79 Greek tycoon Aristotle
81 Refraining (from)
82 Monarch
83 Parties before the game
84 They put a strain on you
88 Stolen goods
89 College in New Rochelle, New York
93 Makeup kit item
96 Kiss targets
97 Son of Seth
101 Ideal spots
103 Bowling area
105 Zimbalist of The F.B.I.
106 Russia's $\qquad$ Mountains
108 Sound system
110 Where a single lands you: 2 wds.
111 Loathsome things
112 Selectively block: 2 wds.
113 Mark Twain's $\qquad$ and the Pauper. $2 \overline{\mathrm{wds}}$.
115 Lack of courage
116 Lena or Ken of Hollywood
117 Snow vehicle
119 Closed hand
120 Greek salad cheese
123 Desktop symbol
125 Sweet liqueur
132 Free from inner turmoil: 2 wds .
135 Word that follows war or fish
136 " $\qquad$ tell a lie"
137 Chock-full of cheddar, e.g.
139 Evening meal
141 Concert venue
142 Casual Friday wear, maybe
144 Died down
146 Biased viewpoint
147 Author Bret
148 Blurt out
149 Jury members
151 Projecting edge
152 Part of NAFTA: Abbr.
153 Long and skinny
155 Easy stride
156 Les États-

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |  | 19 | 20 | 21 | 22 | 23 |
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|  |  |  |  | 104 |  | 105 | 106 |  |  |  |  |  | 107 |  | 108 |  |  |  | 109 |  |  |  |  |  |
| 110 | 111 | 112 | 113 |  |  | 114 |  |  |  | 115 | 116 | 117 |  | 118 |  |  | 119 | 120 |  | 121 |  |  |  |  |
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Hard Clues (continued)
19 Antisub weapon, slangily
20 Trunk item
21 Pilot-training tool
22 Book smarts
23 Stifles thespian growth
35 Dashwood family creator
37 Turf controller
39 Nitti nemesis
40 Ancient emblem
42 Name on an old column
43 Not fantastic
44 Stretch for a better look
45 Finish
46 Importuned
47 Making stable
48 Item on an English table
50 Long-time Senate Minority
Leader Everett
52 Lille lid
53 Gulf War ally
56 Huff
63 Tart, for example
65 Nasty sort
66 Lighten up
68 Repulses
70 Erratic driver
72 Roof supporters
74 Awed output
75 dawn
77
78 Fictional rabbit-chaser
79 Like some dates
81 On married Kennedy in 1968
82 Very bagon
83 Follows tooese closely
84 Major life changes, more
often than not
88 Rifle
89 Saint Columba's island
93 Application for lashes
96 Pucker formers
97 Slaughter on the diamond
101 Nirvanas
103 Pool division
105 Stephanie's dad
106 Caspian feeder
108 Sound investment?
110 Gehrig's position
111 Cursed things
112 Filter
113 Machiavelli title
115 Yellow-belliedness
116 Ken of Brothers \& Sisters
117 Go downhill fast
119 Punch deliverer
120 Greek deli purchase
123 Trash can, for one

89 Saint Columba's island
93 Application for lashes
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103 Pool division
106 Caspian feeder
108 Sound investment?
110 Gehrig's position
111 Cursed things
112 Filter
113 Machiavelli title
115 Yellow-belliedness
116 Ken of Brothers \& Sisters
117 Go downhill fast
119 Punch deliverer
123 Trash can, for one

[^1]
## ANSWERS

## MIXED DOUBLES



## Clue pairs:

Across: $1 / 16,2 / 7,3 / 12,4 / 10,5 / 19,6 / 15,7 / 2,8 / 20,9 / 13$, $10 / 4,11 / 18,12 / 3,13 / 9,14 / 17,15 / 6,16 / 1,17 / 14,18 / 11$, 19/5, 20/8

Down: 1/19, 2/11, 3/15, 4/8, 5/20, 6/10, 7/16, 8/4, 9/17, 10/6, 11/2, 12/18, 13/14, 14/13, 15/3, 16/7, 17/9, 18/12, 19/1, 20/5

5 PENCIL POINTERS 1


52-SKIDDOO

| L | 1 | T | T | H | O | G | R | R | A | P | H | Y |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | P |  | A | A | - | A | N | X |  |  |  |  |
|  |  |  |  |  | L | A | A | CO | Q | U | E | R |  |  |
| H | O | U |  | S | E | M | M A | A I | I | D |  |  |  |  |
|  | D | 0 | O | W | N | - $P$ | L | L A | A | Y |  |  |  |  |
|  |  |  |  |  | F | 1 | 1 G | G H | H | T | E | R |  |  |
|  |  |  |  |  | T | 0 | P | P 0 | O | L | O | G |  |  |
|  |  |  |  |  | Q | Q | U | 1 B | B | B | L | E |  |  |
|  |  | VE |  |  | K | N | N | 1 | G | H | T |  |  |  |
|  |  |  | A |  | J | A | A | C | E | N | T |  |  |  |
|  | G |  | A | L | V | A | A | N | 1 | Z | E | D |  |  |
|  | C | 0 |  |  | M | U |  | N | 1 | Q | U | E |  |  |
|  |  |  | J |  | W | V | L | L E | E | R |  |  |  |  |
|  |  |  |  |  | B | R | O |  |  | S | E | R |  |  |
| A | N | N A | A | L | G | E | S | S 1 | 1 | C |  |  |  |  |
|  |  |  |  |  | D | 1 | 1 N | M | M | E | S | T |  |  |
|  |  |  |  | E | X | - P | U | UR | R | G | A | A 1 |  |  |
|  |  |  |  | M | P | E | D | D 1 | 1 | M | E | N |  |  |
|  |  |  |  | S | Y | N | , D | D R | R | 0 | M | E |  |  |
|  |  |  |  | B | R | A | A 1 | 1 N |  | W | A | A S | H |  |
|  |  |  |  | A | H | A | A $R$ | R | A | J | A | A |  |  |
|  |  |  | P |  | Z | Z | Z E | E R | R | 1 | A |  |  |  |
|  |  |  | C | A | S | S | 0 |  |  | A | R | Y |  |  |
|  |  |  |  | C | U | J | S | S | 1 | V | E |  |  |  |
|  |  |  |  | S | C | 0 | R | R | N | F | U | L |  |  |
|  | F | R | R | U | 1 | T | T | C | A | K | E |  |  |  |

## CUBBYHOLES

SOUNDTRACK

## TEN-PACK



## 7 WORKING TITLES



## 12 QUOTE BOXES

1. The true meaning of life is to plant trees under whose shade you do not expect to sit. (Nelson Henderson)
2. Conclusions arrived at through reasoning have very little or no influence in altering the course of our lives. (Carlos Castaneda)
3. Whenever you are blue or lonely or stricken by some humiliating thing you did, the cure and the hope is in caring about other people. (Diane Sawyer)

## ANSWERS

## KID STUFF: COLOR COORDINATION



KID STUFF: JUST PLAYING AROUND


RIDDLE ANSWER: Because he wanted to play by ear.

## 10 MAP PROPERTIES

1. States whose names begin with the letter M (Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana)
2. States that were part of the Louisiana Purchase (Arkansas, Missouri, lowa, Oklahoma, Kansas, Nebraska, Minnesota, North Dakota, South Dakota, New Mexico, Texas, Wyoming, Montana, Colorado, Louisiana)
3. States that are bigger than all their neighbors (California, Montana, Texas, Minnesota, Michigan, Maine, New York, Georgia)
4. States whose names end in the letter "a" (Alabama, Arizona, California, Florida, Georgia, Indiana, Iowa, Louisiana, Minnesota, Montana, Nebraska, Nevada, North Carolina, North Dakota, Oklahoma, Pennsylvania, South Carolina, South Dakota, Virginia, West Virginia)
5. States in which at least one U.S. president was born (California, Texas, Nebraska, lowa, Missouri, Arkansas, Illinois, Kentucky, Ohio, Virginia, North Carolina, South Carolina, Georgia, Pennsylvania, New Jersey, New York, Vermont, New Hampshire, Massachusetts, Connecticut)
6. States that are more than half federal land (Oregon, Idaho, Nevada, Utah)
7. States whose names contain exactly eight letters (Colorado, Nebraska, Oklahoma, Missouri, Arkansas, Illinois, Kentucky, Michigan, Virginia, Maryland. Delaware)
8. States that have no income tax (Washington, Nevada, Wyoming, South Dakota, Texas, Florida)
9. States with more than 10 million people (California, Texas, Illinois, Ohio, Pennsylvania, New York, Georgia, North Carolina, Florida)
10. States whose names contain the letter "y" (Wyoming, Kentucky, Pennsylvania, Maryland, New Jersey, New York)
11. States that border or contain the Continental Divide (Idaho, Montana, Wyoming, Colorado, New Mexico)
12. States that have hosted the Olympic Games (California, Utah, Missouri, Georgia, New York)
13. States whose names consist of two words (New Hampshire, Rhode Island, New York, New Jersey, West Virginia, North Carolina, South Carolina, North Dakota, South Dakota, New Mexico)


## SOLITAIRE HANGMAN

I. SEMICOLON
II. NEWLYWED
III. TOOTHBRUSH
IV. AQUATIC
V. METABOLISM
VI. POTLUCK
VII. FRACTAL
VIII. EAVESDROP
IX. DINOSAUR
X. WHATSOEVER
XI. JUDICIOUS
XII. HEXAGON

## ANSWERS



## ANSWERS



## ANSWERS



MIXED DOUBLES: SHADES OF MEANING


Clue pairs:
Across: $1 / 12,2 / 16,3 / 20,4 / 8,5 / 15,6 / 19,7 / 14,8 / 4,9 / 17,10 / 21,11 / 13$, 12/1, 13/11, 14/7, 15/5, 16/2, 17/9, 19/6, 20/3, 21/10

Down: 1/16, 2/14, 3/12, 4/10, 5/6, 6/5, 7/20, 8/11, 9/21, 10/4, 11/8,
$12 / 3,13 / 19,14 / 2,15 / 18,16 / 1,18 / 15,19 / 13,20 / 7,21 / 9$
Extra clues: 18-Across, 17-Down
Bonus word: BRILLIANT

## CODE CROSSWORDS



32 ONE, TWO, THREE

| P | RA | TES |  | FL | U | KE | S |  | AC | U | R | A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | R | TS |  | U | NCL | EB | UCK |  | U | NS | E | R |
| R | EB | A |  | T | A | LE | S |  | TA | C | TI | LE |
| TH | REE | M | E | TER | SP | R | IN | G | B0 | A | R | D |
| EN | D | PL | A | Y |  |  |  | RI | VE | T | IN | G |
| ON | S | E | T |  | MA | D | RI | D |  | HED | G | E |
|  |  |  | IN | DIV | ID | UAL | ME | DLE | Y |  |  |  |
| E | AR | S |  | IN | S | IST | S |  | EAR | L | D0 | M |
| CO | M | PLI | CAT | E |  |  |  | A | N | 0 | R | AK |
| S | Y | N | CH | R | ON | I | ZE | D | S | WIM | M | ING |
| Y | VET | T | E |  | E | NTE | N | DRE |  | PA | R | SE |
| STE | ER | ER | S |  | LA | ND | MAS | S |  | C | 0 | NS |
| M | AN | S | ON |  | NE | S | TER | S |  | T | OM | E |

## PROVERBS AND CONVERBS

1. Absence makes the heart grow fonder.
2. All work and no play makes Jack a dull boy.
3. You can't teach an old dog new tricks.
4. Too many cooks spoil the broth.
5. Curiosity killed the cat.
6. Nothing ventured, nothing gained.
7. You can't take it with you.
8. Nice guys finish last.
9. He who hesitates is lost.

## MAY YOU NEVER...

1. Seven Days in May
2. Brian May
3. "The May-Pole of Merry Mount"
4. May-December romance
5. May Sarton
6. May the road rise up to meet you.
7. "The Merry Month of May"
8. Cape May, New Jersey
9. Theresa May
10. Devil-may-care

## ANSWERS

## WILD CARDS

26 QUADRUPLE WORDS

1. RUNAWAY (RUNWAY, RUN, WAY)
2. BANDANA (BANANA, BAN, ANA)
3. OUTRAGE (OUTAGE, OUT,AGE)

## 26 OF DICE AND MEN

A, F, K, O, P, U
B,C,E,G,I,S
D, L, T, V, W, Y
H, J,M,N,R,X

## 26 WORDS TO THE WISE

Each word in the sentence becomes a different word when " $Y$ " is added to the end (SOY, THEY, FAIRY, LADY, etc.)

## THREE-PART HARMONY

BEG, BORROW, STEAL
BLOOD, SWEAT, TEARS
FAITH, HOPE, CHARITY
GOING, GOING, GONE
HEALTHY, WEALTHY, WISE
HOOK, LINE, SINKER
LIGHTS, CAMERA, ACTION
LOCK, STOCK, BARREL
ME, MYSELF, I
PAST, PRESENT, FUTURE

PERSON, PLACE, THING
READY, WILLING, ABLE
ROCK, PAPER, SCISSORS
SHAKE, RATTLE, ROLL
SIGNED, SEALED, DELIVERED
SMALL, MEDIUM, LARGE
SNAP, CRACKLE, POP
STOP, LOOK, LISTEN
TALL, DARK, HANDSOME
WIN, LOSE, DRAW

27 CITY MATCH

| 1-s (Thornton) | 8-t (Warren) | 15-q (Springfield) |
| :--- | :---: | :--- |
| 2-I (Lancaster) | 9-n (Norman) | 16-o (Orlando) |
| 3-p (Phoenix) | 10-m (Lansing) | 17-h (Houston) |
| 4-r (Stockton) | $11-\mathrm{k}$ (Knoxville) | 18-a (Austin) |
| 5-g (Henderson) | 12-f (Hampton) | 19-e (Gilbert) |
| 6-b (Chandler) | 13-d (Denver) | $20-\mathrm{i}$ (Irving) |
| 7-c (Columbus) | $14-\mathrm{j}$ (Jackson) |  |

## 27 CONNECT THREE

Each of the three words within each set can be followed by the same word (shown in parentheses) to form the title of a reasonably wellknown movie.
1-f Pretty (Woman)
7-j Whale (Rider)
2-i Tommy (Boy)
3-b Dark (Water)
4-h Swept (Away)
8-e Mystic (River)
9-a Cat (People)
10-k Working (Girl) 11-I Yes (Man)
5-g Sudden (Impact)
6-d Midnight (Cowboy)

## THE FAMILY GRID

| D | F | O | X |  | S |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | L | A | U | R | A |
| R | I | V | E | R | G |
| R | N |  | C |  | E |
| E | T |  | H |  |  |
| N |  |  | O |  |  |

## 29 SUMOKU <br> 1 | 7 | 6 | 8 | 3 | 2 | 1 | 9 | 5 | 4 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | 7 | 6 | 2 | 4 | 3 | 8 | 9 | 5 |  |
| 4 | 5 | 7 | 6 | 3 | 8 | 1 | 2 | 9 |  |
| 6 | 9 | 1 | 8 | 5 | 2 | 3 | 4 | 7 |  |
| 2 | 1 | 5 | 4 | 8 | 9 | 6 | 7 | 3 |  |
| 9 | 8 | 4 | 1 | 6 | 6 | 7 | 3 | 2 |  |
| 8 | 2 | 3 | 5 | 9 | 7 | 4 | 1 | 1 | 6 |
| 3 | 4 | 2 | 9 | 7 | 6 | 5 | 8 | 1 |  |
| 5 | 3 | 9 | 7 | 1 | 4 | 2 | 6 | 8 |  |



## ANSWERS



## ANSWERS

| 51 DOUBLE CROSS |  |  |
| :---: | :---: | :---: |
| A. DILIGENT | I. RUMOURS | Q. ROtter |
| B RICHTER | J. INTO THE WATER | R. METTERNICH |
| C. UTAH BEACH | K. SOLITUDE | S. FANTASTIC BEASTS |
| D. NEWSDAY | L. TOOTSIE | T. INVITING |
| E. KEYSTONE STATE | M.OVERTHOUGHT | U. NICK OFFERMAN |
| F. SNIDE | N. PLOT TWIST | V. AT THE START |
| G. CHRISTOPH WALTZ | 0. HOOSIER | W.NEST EGG |
| H. HOOCH | P. ELEUTHERA |  |
| Politicians in the early...republic were novices in the democratic arts, but it didn't take them long to recognize that the shortest route to a man's vote was through a shot glass. The Founding Fathers were the first to treat their constituents to... whiskey. |  |  |
|  |  |  |

2 GAMESMANSHIP

| 1 | R | A | N | I |  | L | E | A | S | T | S |  | A | L | I |  | G | L | E | E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| N | O | M | A | N |  | A | F | F | 1 | R | M |  | M | O | N | S | O | O | N | S |
| C | H | E | S | S | N | U | T | T | R | E | E |  | B | A | C | C | A | R | A | T |
| S | E | N | A | T | 0 | R | S |  |  | V | E | T | O |  | R | A | T | E | R | S |
|  |  |  |  | A | R | A |  | F | R | O | S | H |  | S | E | R | E | N | E |  |
| 0 | R | 1 | E | N | T |  | B | R | E | R |  | E | S | C | A | P | E |  |  |  |
| P | I | N | O | C | H | L | E | O | F | S | U | C | C | E | S | S |  | L | 1 | Z |
| A | L | O | N | E |  | A | N | D | S |  | T | H | A | N | E |  | F | A | C | E |
| L | E | N | S |  | E | N | D | O |  | Q | U | 1 | T | E |  | R | A | D | A | R |
|  |  |  |  | A | L | A | E |  | S | U | R | E |  |  | D | O | M | 1 | N | O |
| S | O | L | I | T | A | I | R | E | C | 0 | N | F | 1 | N | E | M | E | N | T | S |
| P | R | I | S | O | N |  |  | P | A | 1 | S |  | N | O | M | E |  |  |  |  |
| R | E | A | L | M |  | B | R | 1 | T | T |  | 1 | F | N | I |  | O | N | A | N |
| A | A | R | E |  | B | O | O | T | H |  | C | R | E | E |  | G | R | O | P | E |
| T | D | S |  | H | O | W | T | H | E | W | H | 1 | S | T | W | A | S | W | O | N |
|  |  |  | S | E | N | 1 | L | E |  | H | A | S | T |  | E | L | O | 1 | S | E |
|  | A | S | P | A | D | E |  | T | E | E | T | H |  | L | 1 | L |  |  |  |  |
| B | L | E | A | T | S |  | E | S | N | E |  |  | C | O | R | O | N | A | D | O |
| N | O | G | R | U | M | M | Y |  | C | L | O | T | H | E | D | P | O | K | E | R |
| A | 1 | R | S | P | A | C | E |  | R | E | N | E | E | S |  | E | D | I | C | T |
| I | S | E | E |  | N | 1 | S |  | E | R | E | C | T | S |  | D | E | M | 0 | S |

## 53 SIAMESE TWINS



## BIG GAME HUNTER

## 36 WHISPER

1. (LAS) VEGAS
2. BOCA (RATON)
3. AUSTIN, BOSTON
4. NASHVILLE,

ASHEVILLE
5. OBERLIN
(BERLIN)
6. OPOSSUM/

POSSUM
7. VERMONT
(MONTANA)
8. ALASKA, NEBRASKA
9. ALBANIA, ROMANIA
10. TEMPLE
11. BROWN, AUBURN
12. FIDGET, FORGET
13. UPROOT, UPSHOT
14. BRIDEGROOM
15. SEESAW
16. DOUGHNUT/ DONUT
17. BOO/MERINGUE (BOOMERANG)
18. ZEUS, SUEZ

## 36 PUZZLE HIKE

1. mushROOM
2. toadSTOOL
3. snapDRAGON
4. morning GLORY
5. goldenROD
6. butterCUP
7. dandeLION
8. carNATION
9. tuLIPS
10. infanTRY (tree)
11. panTRY (tree)
12. cupBOARD (bird)
13. traPEZE(PEAS)
14. transPLANT
15. hurriCANE
16. chaufFEUR (fir)
17. porcuPINE
18. chimPANZEES (PANSIES)
19. caulifLOWER

## 38 DASH \& LILY'S BOOK OF DARES

1. Quick thinking for a sickie. LILY
2. Liquescent. I tried to say myself to sleep with it. DASH
3. Too much. Too soon. Too fast. DASH
4. At the mention of her name, I realized I missed Mom. LILY
5. Meet (dramatic drumroll, please) the punky hipsters. LILY
6. A flying leap. An honest, bona fide flying leap. DASH
7. Unrequited. LLIY
8. Next stop: bedding. DASH
9. Wherever I went, I was on the wrong end of the stampede. DASH
10. But I will settle for a puppy. LILY
11. No way was I going back for it. LILY
12. What I want for Christmas is to believe. LILY

## 54 TEST YOUR TRIVIA I.Q.

1. TRUE (Barack Obama, 1961)
2. TRUE (Hannah Dakota Fanning and Mary Elle Fanning)
3. TRUE (completed in 1903)
4. FALSE (for the show Sam and Friends, which debuted in 1955; Sesame Street began in 1969)
5. TRUE
6. FALSE (Augustus Caesar, a.k.a. Octavian, became the first emperor 17 years after Julius's death.)
7. TRUE
8. TRUE
9. TRUE (France's flag has vertical bars of dark blue, white, and red, while Russia's flag has horizontal bars of white, dark blue, and red.)
10. TRUE (2,369 miles from Fort Kent, Maine, to Key West, Florida)
11. C. Alan Shepard
12. C. Sodor
13. B. The Force Awakens (spoken by Leia to Rey)
14. B. sex
15. A. CLT (Charlotte Douglas International Airport; MDW is Midway, and ORD is O'Hare.)
16. A. 1610
17. C. Sarah Vaughan
18. B. Rubens
19. B. potatoes
20. A. le métro
21. A. Children of a Lesser God (1986), directed by Randa Haines (The film did not win, but Marlee Matlin did win for best actress in a leading role.)
22. D. (the press)
23. C. kickball (The other balls depicted were for baseball, basketball, football, golf, soccer, tennis, and volleyball.)
24. B. Edmonton, Alberta (Calgary has a larger population.)
25. D. Texas Rangers
26. B. Hulu
27. D. (11,009 miles apart)
28. C. Portuguese Water Dog (1983; the Pomeranian, poodle, and pug were registered in 1888, 1887, and 1885)
29. A. 40 years
30. B. Nicole Kidman (Witherspoon was nominated in the same category. Dern won in the supporting actress category, in which Woodley was also a nominee.)

## CRYPTIC CROSSWORD 1

ACROSS:; 1. Corsica (Cora + sic); 5. Measles (L.A. seems); 9. Attache (att. + ache); 10. Diorama (Dior + AMA); 11. Weave (we've); 12. Greenback (green + back);
13. Maelstrom (lame storm, \& lit.); 14. Sheaf (Shea $+F$ ); 16. Nests $(N+$ est. $+S$ );
18. About-face (a + bout + face); 21. Slow-pitch (slow + pitch); 23. Annul (annual - a); 24. Barkeep (peek + bar.); 25. Liaison (a + is + lion); 26. Reentry (ne'er + try); 27. Outrage ( $r+$ outage)

DOWN:; 1. Charwoman (chairwoman - i); 2. Retrace (ret + race); 3. Increases (see cars in); 4. Avenger (scavenger - SC); 5. Midterm (trimmed); 6. Adorn (ado + RN); 7. Leafage (A.F. Eagle); 8. Stack (two meanings); 14. Sets apart (sets + a + part); 15. Freelance (Lee + France); 17. Scourge ( $s+$ courage $-a$ ); 18. Autopsy (spy + auto); 19. Othello (O.T. + hello); 20. Amnesia ( $\mathrm{i}+$ seaman); 21. Sober (bores); 22. Pleat (cheaP LEATher)

56 PAINT BY NUMBERS
(1) Ballot Box


3 Owl
(2) Kangaroo

(4) Desk Lamp

(5) SandCAStLE


6 On the Phone
7 Duck


8 Summer Fun


## ANSWERS

## 61 CRYPTIC CROSSWORD 2

ACROSS: 1. Please (peel as) 4. Isabella (is + Abe + all) 9. Argyles (moroSELY, GRAb) 11. Against (gains $+a+t$ ) 12. Degenerate (reneged $+a+T E)$
13. Gasp ( $g+$ asp) 15. Oldie (Goldie -g) 16. Strangers (rangers + st.) 17. Competing (pet + coming) 21. Romeo (more +0 ) 23. Ease (E's)
24. Agreements (negate R.E.M.'s) 27. Tsarina (trains a) 28. Torrent (rent + tor) 29. Artisans (partisans - p) 30. Blasts (B. + lasts)

DOWN: 1. Plaid (p + laid) 2. Engaged (Ed + Eng. + Ag) 3. Splintered (rented slip) 5. Spatter (amorphouS PATTERns) 6. Bear (two meanings)
7. Lineage (NE + age + LI) 8. Antipasto (tusCAN TIP, AS TOday) 10. Sorts (SIOw: ReTeSt) 14. Intramural (in + tram + Ural) 15. Orchestra (the Oscar + R)
18. Miscast (CA's + mist) 19. Ingrain (in a ring) 20. Great (grate) 22. Mangers (managers - A) 25. Sites (cites) 26. Pins (snip)

## 62 POWERPOINT PUZZLE

| W | T | O | P | E | K | A | A | S | W | A | N | E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H | O | P | E | D | A | R | N | T | E | X | A | S |
| I | N | T | E | R | N | D | O | P | E | O | U | T |
| M | I | N | N | E | S | O | T | A | I | N | S | R |
| S | C | E | N | T | A | R | H | U | D | A | T | A |
| D | O | V | E | R | S | U | E | L | A | T | I | N |
| E | G | O | L | O | P | E | R | A | H | T | N | G |
| L | A | K | E | R | H | U | G | B | O | I | S | E |
| A | L | E | C | E | O | T | A | H | A | C | K | S |
| W | O | V | T | D | E | S | M | O | I | N | E | S |
| A | R | I | Z | O | N | A | B | R | O | N | T | E |
| R | E | S | I | N | I | R | L | T | W | I | C | E |
| E | L | A | T | E | X | S | E | R | A | P | H | N |

ACROSS: 6. Aswan (swan + a); 10. Hoped (hop + ed.); 11. Intern (inter +N ); 13. Dope out (Do + pout + e); 14. Scent (sent + C); 16. Data ( $\mathrm{a}+$ tad); 19. Sue (two meanings); 20. Latin (Ain't +L ); 22. Opera (eurOPE RArely); 24. Laker (real + K); 26. Hug (huge - e); 28. Alec (ale + C); 30. Hacks (two meanings); 35. Bronte (Ron + t + be); 37. Resin (Rinse); 38. Twice (TE + WI + C); 39. Latex (late +x ); 40. Seraph (phrase)

DOWN: 1.Whim (w + him); 2. Tonic (Toni + C); 3. Opt (top); 4. Peen (pen + e); 5. Ardor ('arder); 6. Another (on Earth); 7. Wee (oui); 8. Axon (A + X +on); 9. Estrange (Set anger); 12. Retro (porter - p); 15. Evoke (OK + Eve); 17. Attic (IATTICework); 18. Elect (Clete); 21. Galore (gal + ore); 23. Abhor (harbor -r); 25. Redone (red + one); 27. Gamble ( $G+$ amble); 29. Tsars (Stars); 31. Ketch (catch); 32. Visa (is + VA); 33. Seen (scene); 34. Zit (z + it); 36. Nip (pin)

## 63 DIAMOND MINE



VEINS: 1. Suitcase (suit + case); 2. Bumpkins ( $\mathrm{B}+\mathrm{ump}+$ kin + S); 3. Salience (Neil + aces)

CLUSTERS: 4. Omegas ( $\mathrm{S}+\mathrm{a}+$ gem +0 ); 5. Pastel (paste +L ); 6 . Slight ( $\mathrm{s}+$ light); 7 . Minded ( $\mathrm{D}+$ mined); 8. Deltas (D + slate); 9. Ondine (diamOND IN Exquisite); 10. Rocket (rock $+\mathrm{e}+\mathrm{t}$ ); 11. Carats (carts + A); 12. Office (off + ice); 13. Carbon (Caron + B); 14. Rattle (latter); 15. Maiden (fiNE DIAMonds)
a. Ascent (a + scent) b. Ladies (sailed) c. Saigon (no gas + I) d. Palace (place + a) e. Sprite (strip +e) f. Chumps (chums + p) g. Eureka (you're eek a) h. Cloned ( $C+$ lone +D ) i. Points (stop in) j. Picket (PICnic basKET) k. Single (sin + leg) I. Séance (can + see) m. Depose (dopes + E) n. Alkali (kill + A + A) o. Primed (prim + ed.) p. Outfit (out + fit) q. Caller (clear +L ) r. Autumn (aunt +um ) s. Engage (Eng. + age) t. Strain (orcheSTRA INstrument's, \& lit.) u. Faints (feints) $\mathbf{v}$. Tackle (two meanings) w. Beards (bards + E) x. Flairs (Fla.

+ IRS) y. Usable (U + sable)


## ANSWERS

| 66 FAMILY REUNIONS | 64 SOME ASSEMBLY REQUIRED |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{ll}\text { FAMILY ONE } & \text { FAMILY TWO } \\ \text { Beverages } & \text { European countries }\end{array}$ | P |  | A | B | S |  | T |  |  | U | R |  | S | A |  | M |  | A | J |  | O |  | R |
| 1. Pop 1. Italy | P |  | E | A |  | R |  | C |  | H | E |  | A |  | P | S |  | K |  | A |  | T | E |
| $\begin{array}{ll}\text { 2. Tea } \\ \text { 3. Milk } & \text { 2. Spain } \\ \text { 3. France }\end{array}$ | P |  | E | A |  | R |  | C |  | H | E |  | A |  | P | S |  | K |  | A |  |  | E |
| 3. Milk 3. France | L |  | E | S |  | S |  | E |  | N | P |  | R |  | E | C |  | E |  | P | T | T | S |
| 4. Beer 4. Poland |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. Wine 5. Serbi | E | D | D | I |  | T |  | F |  | 0 | R |  | T |  | Y | N |  | I |  | N | E | E | R |
| 6. Cider 6. Sweden |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. Juice 7. Icelan | C |  | A | N |  | E |  | S |  | C | A |  | R |  | T | A |  | G |  | E | N | N | A |
| 8. Water 8. Denmark | 0 | R | R | D |  | N |  | A |  | N | C |  | E |  | A | R |  | G |  | Y | L | L | E |
| 10. Lemonade 10. Slovenia | V |  | E | N |  | E |  | R |  | A | T |  | E |  | R | E |  | V |  | E | R | R | B |
| FAMILY THREE | 1 |  | N | A |  | S |  | P |  | 1 | N |  | D |  | E | E |  | P |  | S |  | E | A |
| "Red" followers Animal sounds |  |  | N | A |  |  |  |  |  |  | N |  | D |  | E | E |  | $P$ |  | S |  |  | A |
| 1. Ant | C | 0 | O | S |  | T |  | A |  | R | 1 |  | C |  | A | V |  | A |  | L |  |  | D |
| 2. Tape 2. Roa |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. Flag 3. Bark | K | - I | 1 | L |  | T |  | N |  | 0 | B |  | L |  | E | W |  | O |  | M | A | A | N |
| 4. Rose 4. Oink |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. Light 5. Hoot | 1 |  | N | D |  | E |  | X |  | C | A |  | R |  | D | E |  | V |  | A | D | D | E |
| 6. Onion 6. Hiss | L | E | E | A |  | D |  | A |  | T | A |  | L |  | L | T |  | 1 |  | M | E | E | S |
| 8. Carpet 8. Chirp |  |  | S | S |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. Herring 9. Nei | A |  | S | S |  | E |  | T |  | S | P |  | R |  | 1 | N |  | C |  | E |  | S | S |
| 10. Snapper 10. Scre | T | 0 | O | T |  | E |  | M |  |  | S |  | T |  | E | N |  | A |  | B |  | L | E |
| PIECES ANSWERS: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Rabin 5. Skein 9. Prancer |  |  |  |  | An | t lio | lion |  |  |  |  | 7. S | emi | ivow |  |  |  |  | N | sse | n h |  |  |
| 2. Stall 6. Scarpers 10. Rotte | egg |  |  |  | Sa | andr | dra D | Dee |  |  |  | 8. C | rab | app | ple | Cov |  |  | 2. A | Ama | nda | a B | Bearse |
| 3. Cavalierly 7. Oftenest 11. Exco | iated |  |  |  | . lck | kine |  |  |  |  |  | 9. S | ever | ran |  |  |  |  | M | Misp | print |  |  |
| 4. Dada 8. Teetotal 12. Bles |  |  |  |  | aj | jaja | ma p | part |  |  |  | 0. P | eer |  |  |  |  |  |  | ena |  |  |  |
| 67 RUNAWAY CARAVAN | 67 CROSS MY HEART |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. PENDANT 9. RAMPART | S H I P |  |  | C | A | N | A | L |  | B | O | N | E | S | U | P | O | N |  | A | S | S | E T |
| 2. PENDANT <br> 9. RAMPART | C | O M | M E | A | L | 1 | V | E |  | E | V | 0 | C | A | T | 1 | V | E |  | S | P | 1 | R Y |
| 3. ILLEGAL 10. BARRAGE |  | V E | E R | R | U | L | E | D |  | R |  | S | O | N | A | T | E | S |  | H | A | M | U P |
| 4. GINGHAM 11. MANSION | P P | E T | T E | R | N | E | R | O | - | T | R | E | N | C | H | A | N | T |  | C | R | M | D E |
| 5. CABINET 12. CONTACT | 晨 | R A | A S | E | S |  |  | N | A | H | S |  |  | C | A | A | N |  | G | A | E | L | 1 C |
| $\begin{array}{ll}\text { 6. RHOMBUS } & \text { 13. SITUATE } \\ \text { 7. FURNACE } & \text { 14. MAXWELL }\end{array}$ |  |  |  | L | E | N | A |  | U | S | H | E | R | 1 | N |  |  | C | A | N | T | A | T A |
| 7. FURNACE 14. MAXWELL | L | E S | 5 S |  | R | E | N | D | S |  | $\bigcirc$ | R | E | 0 |  | B | 0 | R | N |  | 1 | T | 15 |
| (Faraday and maxwell are electromagnetic units.) | A | N T | T E | S |  | S | K | , | T |  | T | M | A | N |  | E | M | A | G |  | R | 0 | $\bigcirc$ T |
|  | S | T E | E R | N |  | S | H | R | R E | D |  | A | L | S | 0 | R | A | N |  | F | E | R | N S |
| 42 YOUR WORD AGAINST MINE <br> LAST-SECOND HEROICS HINT <br> Cappelletto needs the 28 points from NERTZ, there is no getting around that. But if he plays elsewhere, leaving the Z open (hoping to play NERTZ as his next/ final turn), his opponent will block with something like WIZ. Is there something he can do to ensure NERTZ is there for him on his next turn? | T | R A | A $V$ | I | S |  |  | K | $N$ | E | W |  |  |  | G | E | N | E | R | A |  |  |  |
|  | S | E D | D I | T | 1 | 0 | U | S |  | S | E | A | P | 0 | R | T |  |  | A | D | A | P | T S |
|  | T | A Y | Y E |  | C | 0 | P | E | E | S | A | L | 1 | N | E |  | L | 1 | F | E | B | $\bigcirc$ | A T |
|  | A | T I | 1 T |  | K | H | A | N | N | E | V | 1 | T | A |  | M | 0 | 0 | T |  | 5 | T | R |
|  | G | E N | NT | L | E | S | T |  | E | R | E | C | T | S |  | A | 0 | N | E |  | T | E | L E |
|  | E D | D G | G E | 1 | N |  |  | E | N | T | R | E | E | S |  | S | T | A | R | L | 1 | N | G S |
|  |  |  |  | P | S | E | $\cup$ | D | 0 |  |  |  | D | 1 | 5 | C |  |  | S | A | N | T | A S |
|  | F | A S | $S$ T | S |  | F | R | E | S | C | 0 | 5 |  | 5 | T | A | F | F |  | N | E | A | T O |
|  | 1 | $\mathrm{N} C$ | C H |  | 1 | R | A | N |  | 0 | L | L | A |  | E | R | 1 | E |  | E | N | T | R |
|  | R | A R | R E |  | C | E | L | S |  | W | 1 | E | N |  | R | A | S | T | A |  | T | E | S |
|  | 5 | T E | E P | M | 0 | M |  |  | C | A | N | D | 1 | C | E |  | T | A | T | S |  |  |  |
|  | T | H E | E R | 0 | N |  | A | J | A | R |  |  | S | H | 0 | E |  |  | P | U | 5 | H | $U$ P |
|  | B | E N | N 1 | N |  | B | R | E | N | D | A | L | E | E |  | B | L | U | E | P | L | A | E |
|  | A M | M O | O N | G |  | R | E | A | N | 1 | M | A | T | E |  | B | 0 | N | A | P | A | R | T E |
|  | S | A U | $\cup \mathrm{C}$ | E |  | 1 | N | N | No | C | E | N | T | S |  | E | P | 1 | C | E | N | T | ER |
|  | E | S T | T E | R |  | M | A | S | T | E | R | K | E | Y |  | D | E | 5 | E | R | T | E | R S |

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[^3]
[^0]:    

[^1]:    125 Sambuca relative
    132 Content
    135 Fish tail?
    136 Lacks the wherewithal
    137 Exuding kitsch
    139 Late meal
    141 Action site
    142 Wranglers, e.g.
    144 Subsided
    146 Script feature
    147 Poker Flat chronicler
    148 Sheer
    149 Source of pressure
    151 Most of a sombrero
    152 Part of BSA: Abbr.
    153 Like stringy hair
    155 Bound
    156 Colleges overseas, informally

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