## Connecting the Dots

SOLUTION

You might find a clue by mapping the paths of the waiters and seeing if that reveals information to help you solve the crime. Draw lines connecting the round tables shown below, according to the following rules:

- Each line connects a table to the closest table in one of the (up to eight) directions indicated.
- The number on each table specifies how many lines will connect to it.
- Lines may not cross.


The solve is straightforward except for the lower left corner. If you have solved the rest, you'll have those six tables ( $34,45,14$ ) remaining to connect (ultimately with the seven lighter lines shown above). Consider what happens if the 1 connects to the 5 : that would eliminate two options from the 4 next to the 1 - the line blocks a diagonal, and the 1 would be full - which would leave just three possible connections for the 4 . Thus, that line (1-5) can't connect. Since the 5 already has two other blocks (right-side diagonals) at this point, that 1 is the last direction that can't connect; all the other spokes from the 5 must connect.

Reading the letters that haven't been crossed out yields "WHAT is inside tangram squares." This is a statement (not a question!) that refers to the Putting the Pieces Together puzzle.

Looking at Evidence refers to this puzzle: "WHY is semaphore on tables." This is a statement (not a question!) that tells you that the "why" answer can be found by reading semaphore from the tables. Read tables with two connections (highlighted in blue above) as semaphore:

The bar has a corkboard where families of all sizes can post pictures of their pets. During the theft, the culprit knocked all the photos off the board. The captions listing the family members are still in their places on the board, but the bartender needs help identifying which pet belongs in each family. Some of those pets are rather unusual ranging from ferret to goose to iguana - but they've been given names to help them fit in as part of their families. Each pet name can be found in the letters of one family name. The first row below illustrates that.

After you've helped get the pets matched up with their owners, you can look for what the culprit might have wanted to hide. The bartender tells you that all the members of each family identified a useful characteristic in the species of animal they chose. Maybe those characteristics will prove to be useful for your investigation as well! Use the number of people in the family (also clued by letter of the alphabet) to index into the species. These letters are highlighted in tan below, and reveal the phrase, "WHY is semaphore on tables" - this is a statement which refers to the Connecting the Dots puzzle.

The captions are shown below, in the order in which they appear on the photo board. The photos are on page 2.

| Colleen, Cindy, and <br> Casey's pet, NAN |
| :---: |
| DUNCAN, COW |

Darrell, Donna, Dean, and Derek's pet, STU
STOUTS, FISH

| Fred, Felicia, Fran, Flo, <br> Felix, and Fawn's pet, IAN |
| :---: |
| WILLIAMSON, MONKEY |


| Amy's pet, <br> SIMON |
| :---: |
| SIMPSON, IGUANA |


| Diane, Daisy, Debbie, <br> and Dennis's pet, VERN |
| :---: |
| IVERSON, ROOSTER |


| Daphne, Duane, Danny, <br> and Dustin's pet, MILO |
| :---: |
| MURILLO, HORSE |


| Blake and Beth's <br> pet, STAN |
| :---: |
| CASTANEDA, GECKO |


| Carla, Cheryl, and <br> Cecil's pet, BESS |
| :---: |
| BURGESS, CAMEL |


$\frac{$|  Carol, Charlie, and  |
| :---: |
|  Chad's pet, CAL  |}{MCDONALD, GOAT}


| Allen's pet, <br> ARTIE |
| :---: |
| MARTINEZ, PIG |



| Dave, Darlene, Doug, |
| :---: |
| and Dina's pet, WARD |

WOODARD, RABBIT

| Eileen, Erica, Evan, Eliza, <br> and Eleanor's pet, RICK |
| :---: |
| MCCORMICK, TURTLE |


| Betty and Barry's <br> pet, ROD |
| :---: |
| ARNOLD, FERRET |



Searching for Clues refers to this puzzle: "On photo last names, read fourth letter." Those letters are highlighted in blue above; they reveal the phrase, "Culprit got in via DOG DOOR" (the "how").

Looking at Evidence (page 2 of 2 )
(Tip: just write each photo's info by the appropriate caption; you don't need to cut out all the pictures.) Photos are in alphabetical order by species name.


The BURGESS family's pet The MCCONNELL family's pet



The JOHNSEN family's pet


The ARNOLD family's pet FERRET
-


CAMEL

CAT

The TRAVIS family's pet

| FROG |
| :---: |



The MCDONALD family's pet GOAT

The STOUT family's pet FISH


The MCCARTHY family's pet

The MURILLO family's pet
HORSE

The MARTINEZ family's pet


The WOODARD family's pet



The SIMPSON family's pet
The SIMPSON family's pet GOOSE


| The WILLIAMSON family's pet | T |
| :---: | :---: |
| MONKEY |  |

The DOUGHERTY family's pet PARROT


The IVERSEN family's pet ROOSTER


The ATKINSON family's pet The HARRINGTON family's pet The MCCORMICK family's pet SNAKE SQUIRREL TURTLE

## Putting the Pieces Together

Sometimes, you can find answers when you see how the pieces come together.
Cut apart the seven tangram pieces in the square below and use them to create the four images shown on this page. Place each constructed image on the second page of this puzzle, using one of the given parallelogram locations to guide placement, then trace around each piece to record its location on the page. Carefully outline each individual piece in every image.

- All seven tangram pieces must be used to form each image.
- Pieces may not overlap.
- You may rotate and flip tangram pieces when building the images.
- The images below are shown to scale, but are not actual size.
- There is only one way to properly assemble each image. Pay attention to proportions and details (e.g. the man's collar and the house overhanging the cliff).
- All images should be placed with the same rotation as in the sample silhouette. Images will not overlap.

Read the letters that fall on the lines where two pieces meet up. That yields the phrase, "It feels like TIME to mark unused vowels in search grid." That refers to the Searching for Clues puzzle.

Connecting the Dots refers to this puzzle: "WHAT is inside tangram squares." Inside the square pieces drawn for each shape are the letters GOLDFISH, the "what" answer.



In the grid below, look for things that you might find at the bar. Put
them in the correct order (alphabetical) in the blanks on the right.


| $\mathbf{O}$ | N | P | H | O | T | O | L | A | S | T |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| N | A | M | E | S | R | E | A | D | F | $\mathbf{O}$ |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| U | R | T | H | L | E | T | T | E | R | S |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |

 is: "On photo last names, read fourth letters," which refers to the Looking at Evidence puzzle.
Putting the Pieces Together refers to this puzzle: "It feels like TIME to mark unused vowels in search grid" - they are highlighted in blue above. "Time" indicates we're answering the "when" question, and "feels" is a clue to read those letters as Braille, which yields SUNSET.

