## June 2023 (Liquid Measures) Solutions

## Puzzled Fluid Ounce

Match each American term on the left with the British term on the right.
Then read the crossed letters in reading order to get IT'S RUBBISH


## Puzzled Cup

Each grid has one of the across answers in the "selected row answers" section. The middle letters of those words spell WEBMASTER.

| Rooms for rent (9) | APARTMENT | A | N | T |
| :---: | :---: | :---: | :---: | :---: |
| Not old | NEW | P | E | N |
| Insect | ANT | A | W | E |
| Writing implement | PEN | R | T | M |
| Traditional December holiday song (3 24 ) | LET IT SNOW | L | A | W |
| How old you are | AGE | E | G | 0 |
| Rule | LAW | T | E | N |
| Id partner | EGO | 1 | T | S |
| What a restaurant needs to seat you, or an app that facilitates the process (45) | OPEN TABLE | 0 | N | E |
| Steal | NAB | P | A | L |
| I, to a Roman | ONE | E | B | B |
| Friend | PAL | N | T | A |
| What a chainsaw leaves behind (4) | TREE STUMP | T | A | P |
| Point towards a specific object | AIM | R | I | M |
| Dance type | TAP | E | M | U |
| Top of a cup | RIM | E | S | T |
| Organization for the USS Enterprise (9) | STARFLEET | S | A | T |
| Plane type | AIR | T | 1 | E |
| Create a knot | TIE | A | R | E |
| "Come as you ___" | ARE | R | F | L |
| At night (5) | AFTERDARK | A | S | K |
| Seek justice | SUE | F | U | R |
| The outside of an animal | FUR | T | E | A |
| Hot drink | TEA | E | R | D |


|  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: |
| Bank's report of deposits \& withdrawals (9) | STATEMENT | S | E | T |
| Consume | EAT | T | A | N |
| Tennis match subdivision | SET | A | T | E |
| Shade of brown | TAN | T | E | M |
|  |  |  |  |  |
| Bushes (9) | SHRUBBERY | S | K | Y |
| Lock opener | KEY | H | E | R |
| Plane's location | SKY | R | Y | E |
| Grain | RYE | U | B | B |
|  |  |  |  |  |
| Pessimist's declaration (4-5) | HALFEMPTY | H | E | Y |
| Long division of time | ERA | A | R | T |
| Greeting | HEY | L | A | P |
| Place for a child | LAP | F | E | M |

Selected Row Answers
ART Treasures in the Louvre
ASK Propose a question
ATE Past tense of another word in this grid
AWE Veneration and wonder
EBB Tide type
EMU Large flightless bird
HER Female pronoun
SAT Used a chair
TEN X, to a Roman

## Puzzled Pint

## Puzzled Paint

Add a letter into the middle of each word to form a new word. Read down the middle to spell SCOUNDREL.

| PRO | S | PER |
| :--- | :--- | :--- |
| SNA | C | KED |
| GRO | 0 | VES |
| MIS | U | SED |
| GRA | N | DER |
| BAN | D | ANA |
| BEA | R | DED |
| SCR | E | AMS |
| REC | L | USE |

Puzzled Int
Solve each of the equations and change from numbers to letters to spell MID NUMS. Use the same code to change the middle number in each equation to letters to spell out ASTOUND.

$$
\begin{array}{rrr}
11+1+1= & 13 \\
10+19-20= & 9 \\
(40+20) / 15= & 4 \\
15+15-16= & 14 \\
(63+21) / 4= & 21 \\
21+14-22= & 13 \\
10 * 4-21= & 19
\end{array}
$$

## Puzzled Pin

Look at C1 and C2. Two regions (the OK... region and the NOP... region) are contained entirely in those two columns, which means that the PAY region cannot contain any stars in those two columns. This forces the star in that region to be in the Y.


This eliminates all but one of the spaces in the DGM... region at the bottom, so we can fill in the star in R7C8.


Now the ANE... region on the right hand side only has one viable spot.


Now the LUS... F-shaped region has only one viable spot.


Now the NOP... region on the left-hand side only has one legal spot.


Now the LLIR... region in the middle only has one legal spot.


The rest now falls into place.


The letters in the same space as the holes/stars spell out HUMANITY.

## Puzzled Pint-Sized

Each line clues a word that forms a phrase with SMALL (usually in a different sense of the word than was clued). Take the letters that correspond to the asterisks to spell SHADOWY.

| SMALL ? ? ? ? ? ? ?* | POTATOES | Spuds | S |
| :--- | :--- | :--- | :--- |
| SMALL ?*? ? ? ? | CHANGE | Modify | H |
| SMALL ? ?*? ? | SCALE | Post Office Tool | A |
| SMALL- ? ? ?*? ? | MINDED | Objected to | $\mathbf{D}$ |
| SMALL ?*? ? ? | WORLD | Earth | $\mathbf{O}$ |
| SMALL *? ? ? ? ? | WONDER | Curiosity | W |
| SMALL ? ?* | FRY | Cook in oil | $\mathbf{Y}$ |

## Yo Dawg...

Follow the instructions given in the puzzle, and then take the letters above the blanks with the numbers in order to spell HOLLYWOOD.

| Answer | Inside Word | Leftover Letters |
| :--- | :--- | :--- |
| SCOUNDREL | CUR | SONDEL |
| ASTOUND | STUN | AOD |
| HUMANITY | MAN | HUITY |
| SHADOWY | SHADY | OW |

## Puzzled Quart

Replace each emoji quarter with a pair of letters．When an emoji is reversed，so are the letters in that pair．

| Milk Container | 0 | $\because$ | $\rightarrow$ | CA | RT | ON |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Betting Location | （3） | 4 | $\bigcirc$ | CA | SI | NO |
| Group | （1） |  | $\because$ | CO | HO | RT |
| Takes Over（hyphenated） | \％ | $\bigcirc$ | 3 | CO | OP | TS |
| Warehouses | $\bigcirc$ | $\varepsilon$ | $\cdots$ | DE | PO | TS |
| Change Course | （ | 8 | $\because$ | DI | VE | RT |
| Pays Respect To | 年 | 4 | $0 \cdot 0$ | HO | NO | RS |
| Lazy People | （ | 68 | O. | ID | LE | RS |
| Teacher＇s Plan | 68 | $\nabla$ | $\rightarrow$ | LE | SS | ON |
| Premiered |  | $\because$ |  | OP | EN | ED |
| Deadly Liquid |  | $\square$ | $\rightarrow$ | PO | IS | ON |
| Complained，or Action an Imposter in Among Us Took | 8 | － | $\bigcirc$ | VE | NT | ED |

For the quarters at the bottom，take the appropriate bigrams．Each bigram overlaps one letter with each of its neighbors．The answer is DISSIDENT

| O | $\square$ | $\nabla$ | 4 | （ | $\bigcirc$ | $\cdots$ | 明 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DI | IS | SS | SI | ID | DE | EN | NT |

Full＂alphabet＂

| CA | 0 | NT | 第 |
| :---: | :---: | :---: | :---: |
| CO | 洓 | ON | $\square$ |
| DE | $\bigcirc$ | OP | 5 |
| DI | 0 | PO | $\Sigma$ |
| ED | 0 | RS | 0．0 |
| EN | $\stackrel{\square}{-}$ | RT | $\because$ |


| HO | SI | 4 |  |
| :--- | :--- | :--- | :--- |
| ID | $C$ | SS | $\checkmark$ |
| IS |  | TS | $\ddots$ |
| LE | 8 | VE | 8 |
| NO | - |  |  |

## Puzzled Half-Gallon

The first two steps define the boundaries of the puzzle, so steps 3 and 4 are the starting points. According to step 4, each of these two groups has 2 couples:

| 6-letter names |  |  | 8-letter names |  |
| :--- | :--- | :--- | :--- | :--- |
| Chance | Eloise |  | Anderson | Felicity |
| Damien | Hannah |  | Benjamin | Gretchen |

According to step 3, Eloise, Chance's partner, and Damien's partner are all different people. This means that Eloise can't be Chance's partner or Damien's partner. So who is her partner? Well, the only person left - Hannah. In fact, it turns out that all four of the partnerships are gay or lesbian. (Note that nowhere in the puzzle does it require that the partnerships be heterosexual.) Since similar logic can be used with Anderson, we can now form the following couples:

| Anderson | Benjamin |
| :--- | :--- |
| Chance | Damien |
| Eloise | Hannah |
| Felicity | Gretchen |

This isn't all that step 2 can tell us. Let's break down the list of eight people.

| Anderson | Anderson |
| ---: | :--- |
| Eloise | Eloise |
| Chance's |  |
| partner | Damien |
| Damien's |  |
| partner | Chance |
| Gretchen's <br> partner | Felicity |
| Felicity's |  |
| partner | Gretchen |
| the person |  |
| sitting at | Benjamin or |
| position 1 | Hannah |
| the person |  |
| sitting at | Benjamin or |
| position 3 | Hannah |

This means that Benjamin and Hannah are seats 1 and 3 in some order. We can update our table.

|  |  |  | B or H |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1 |  |  |  |
|  |  | 8 | North | 2 |  |  |
|  | 7 | West |  | East | 3 | B or H |
|  |  | 6 | South | 4 |  |  |
|  |  |  | 5 |  |  |  |
|  |  |  |  |  |  |  |

Now take a look at step 5. Hannah's partner must be in a prime numbered seat. Since Hannah is either seat 1 or 3 and her partner must be next to her, then the only prime numbered seat available is seat 2.

|  |  |  | B or H |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1 |  | Eloise |  |
|  |  | 8 | North | 2 |  |  |
|  | 7 | West |  | East | 3 | B or H |
|  |  | 6 | South | 4 |  |  |
|  |  |  | 5 |  |  |  |
|  |  |  |  |  |  |  |

With step 6, we know that Chance's partner is sitting next to Felicity's partner. This means that we know a subsection of the table, but we don't necessarily know where it is yet.
Chance Damien Gretchen Felicity
or
Felicity Gretchen Damien Chance

Step 7 puts Felicity either in seat 4 or seat 6 . However, she cannot be in seat 6, as Chance would have nowhere to sit. (He would have to sit in seat 1 or seat 3 , but those are already claimed. Therefore, she is in seat 4, and we can place the group of 4.

|  |  |  | B or H |  |  |  |
| :--- | :--- | :--- | :---: | :--- | :--- | :--- |
|  |  |  | 1 |  | Eloise |  |


|  |  | 8 | North | 2 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Chance | 7 | West |  | East | 3 | B or H |
|  |  | 6 | South | 4 |  |  |
|  | Damien |  | 5 |  | Felicity |  |
|  |  |  | Gretchen |  |  |  |

Benjamin now can't be in seat 3, as there would be nowhere for Anderson to sit. This lets us place the rest of the people

|  |  |  | Benjamin |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Anderson |  | 1 |  | Eloise |  |
|  |  | 8 | North | 2 |  |  |
| Chance | 7 | West |  | East | 3 | Hannah |
|  |  | 6 | South | 4 |  |  |
|  | Damien |  | 5 |  | Felicity |  |
|  |  |  | Gretchen |  |  |  |

Now that we have everyone placed, what is the last step for? It's for extraction - take a look at the list and assign each description to a person.

| Anderson | the partner of <br> the person <br> sitting across <br> from Gretchen |
| :--- | :--- |
| Benjamin | the partner of <br> the person <br> whose seat <br> number is <br> double <br> Felicity's |
| Gretchen | the person <br> sitting across <br> from <br> Anderson's <br> partner |
| Eloise | the person <br> sitting in the <br> direction of the <br> answer |
| Chance | the person |


|  | sitting across <br> from Eloise's <br> partner, |
| :--- | :--- |
| Damien | the person <br> sitting to the left <br> of Felicity's <br> partner |
| Hannah | the person <br> sitting two to <br> the right from <br> Gretchen |
| Felicity | the person who <br> is sitting to the <br> left of a <br> palindromic <br> name |

Note that Eloise is assigned by default as both her and that description will be the only ones left. Her description says that the direction that she is sitting in is the answer, so the answer is NORTHEAST.

## Puzzled Gallon

Write each answer in the appropriate row across the cups. Then fill in the cups as instructed. Unfilled cups read "THAT DIDN'T HOLD WATER".

| Half Gallon | N | O | R | T | H | E | A | S | T |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quart | D | I | S | S | I | D | E | N | T |
| Pint | H | O | L | L | Y | W | O | O | D |
| Cup | W | E | B | M | A | S | T | E | R |

## Puzzled Liter

The answer to each Measurement clue, when the appropriate metric prefix is added on, forms one of the answers to the Drink clues. Use the multiplier to the Measurement clue as an index into the Measurement answer, and place that answer in the correct place(s) in the bottom grid. When this is done correctly, it spells THEY BOTH MEGA BYTE.

| Metric <br> Prefixes |  |  | Drink | Measurement | Index | Letter |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| kilo | k | $10^{\wedge} 3$ | KNIGHT | NIGHT | 5 | T |
| hecto | h | $10^{\wedge} 2$ | HEARTH | EARTH | 5 | H |
| deca | da | $10^{\wedge} 1$ | DAMAGES | MAGES | 3 | G |
| deci | d | $10^{\wedge}-1$ | DELVES | ELVES | 4 | E |
| centi | c | $10^{\wedge}-2$ | CRAMPS | RAMPS | 3 | M |
| milli | m | $10^{\wedge}-3$ | MOVERS | OVERS | 1 | O |
| micro | $\mu(\mathrm{mu})$ | $10^{\wedge}-6$ | MUTABLE | TABLE | 3 | B |
| nano | n | $10^{\wedge}-9$ | NARROW | ARROW | 1 | A |
| pico | p | $10^{\wedge}-12$ | PLAYERS | LAYERS | 3 | Y |


| T | H | E | Y |
| :---: | :---: | :---: | :---: |
| kilo | hecto | deci | pico |
|  |  |  |  |
| B | O | T | H |
| micro | milli | kilo | hecto |
|  |  |  |  |
| M | E | G | A |
| centi | deci | deca | nano |
|  |  |  |  |
| B | Y | T | E |
| micro | pico | kilo | deci |

