11-12 YEARS | WEEK 30
BrainGames-NumberPuzzles

1. Worth of Each Object

2. Solve this Cross number

3. Unlock these mystery numbers

4. Complete the equations

5. Fun Puzzle

6. The Magic Square

7. The Magic Square

8. Solve this Cross number

9. 15 Minute number puzzle

10. Puzzles

11. Puzzles

12. Puzzles

13. General math – Puzzles

14. General math – Puzzles

15. Crypt Arithmetic

16. General math – Puzzle

17. General math – Puzzle

18. Magic triangles

19. Cross Number Puzzle

20. 10 - minute snake puzzle

Worth of Each Object

The total worth of object is written at the end of each row and column. Can you find the missing total that should go where the question mark has been put?

1. Triangle= _____
2. Circle = _____
3. Square = _____
4. Hexagon= _____
5. ? = _____

Solve this Cross Number
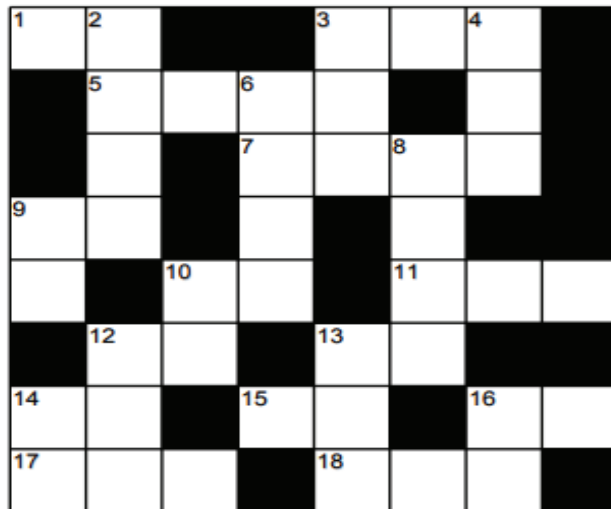
Across
1. 1012 ÷ 23
3. 23 × 8
5. 5239 - 1343
7. 1813 + 2359
9. 89 - 25
10. 55 - 14
11. 1232 ÷ 11
12. 19 × 4
13. 27 + 46
14. 31 + 47
15. 11 × 6
16. 403 ÷ 13
17. 4500 ÷ 10

18. 406 + 569
Down
2. 181 × 24
3. 69 + 92
4. 5784 ÷ 12
6. 1049 × 9
8. 10926 - 3213
9. 8 × 8
10. 65 - 19
12. 157 × 5
13. 1118 - 349
14. 28 + 46
16. 770 ÷ 22

Answer:

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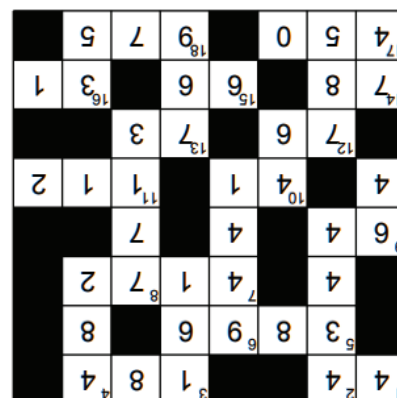# Use these numbers and unlock these mystery numbers

Instructions: No digit can be used more than once in each mystery number

Digit: 2 4 5 6

1. The smallest 3-digit number that is divisible by 4.

2. The largest 3-digit number that is less than 500 and is a multiple of 5.

3. The smallest even number where the product of the digits is 120.

4. The smallest 3-digit number that is divisible by 5 and has more tens than ones.
256, 465, 456, 265.

Crossover

The numbers 2, 3, 4, 5, 6, 7 and 8 are placed in the squares in this diagram.

The four numbers in the horizontal row add up to 21, and the four numbers in the vertical column also adds up to 21. Which number should replace x?

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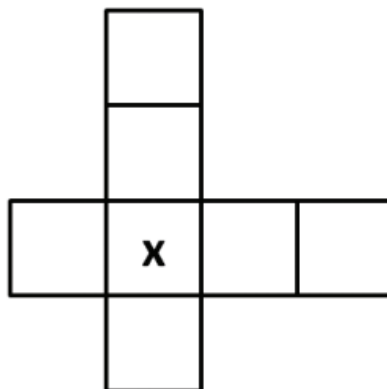
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