



10-11 YEARS | WEEK 55

Brain Games-Number Puzzles

1. Fun with Numbers

2. Fun with Numbers

3. Digi-cross

4. Magic Boxes

5. Arithmetic crossword

6. Solve the puzzle

7. Solve the puzzle

8. Group Counting

9. Hexagon Number Puzzle

10. Puzzles

11. Puzzles

12. Puzzles

13. General math - Puzzles

14. General math - Puzzles

15. Crypt arithmetic

16. General math - Puzzles

17. General math - Puzzles

18. Magic triangles

19. Secret Map

20. Fun with Sudoku

Fun with Numbers

Fill squares with the numbers 1-9 (with no repeats), so the grey squares equal the sum of each row and column.

	7		19
2		8	14
	1		12
16	12	17	

	3		12
9		8	22
	4		11
17	12	16	

Who am I?

Use the clues and find out the number

1. I am between 15×18 and $580 \div 2$.
I am a multiple of 9 and I am odd.

2. I am an even number.
I am between the number of days in 4 months
and the value of 12 dozen.
The product of my digits is 18.

Answers

1. From top left to right bottom: 9, 3, 4, 5, 6
2. From top left to right bottom: 7, 2, 5, 1, 6

Who am I?

1. 279 2. 136

Fill each box in order, combining the numbers from previous two boxes

8	$\times 5$		-16		$\times \frac{1}{4}$		$\times 7$	
								-28
	$\times \frac{1}{5}$		+0		$\times 5$		$\times \frac{1}{2}$	
$\times 8$								
	-44		$\times \frac{1}{2}$		$\times 4$		-15	9

Who am I?

Use the clues and find out the number

- I am between 9×5 and $120 \div 2$.
I am a multiple of 7.
I am even. Who am I?

- I am less than the value of 3 quarters.
I am greater than 4 dozen.
My tens digit is 2 more than my one's digit.
I am even.

Answers

- From start to end: 40, 24, 6, 42, 14, 7, 35, 35, 7, 56, 12, 6, 24.

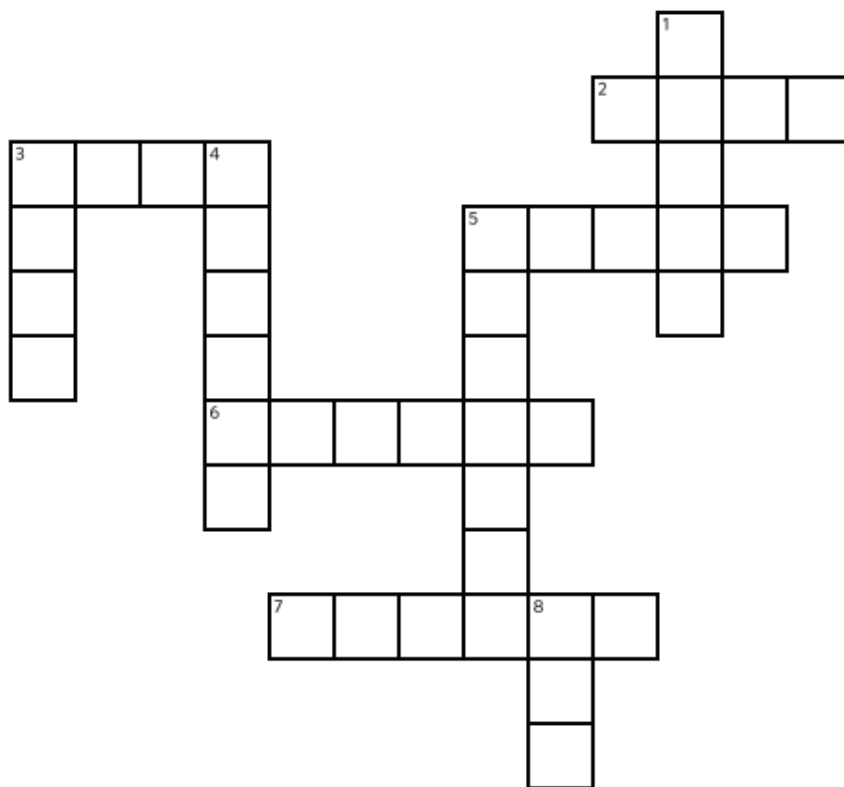
- Who am I?

a. 56

b. 64

Digi-cross

Complete the crossword by filling in the word that fits each clue



ACROSS

2. 86 is closest to _____ tens
3. 10 divided into 2 equal groups
5. 10 groups with 6 in each group
6. $325 + 513 = 800 + \underline{\hspace{1cm}} + 8$
7. $869 - 446 = 400 + \underline{\hspace{1cm}} + 3$
8. $3 \times 30 = 3 \times 3 \times \underline{\hspace{1cm}}$

DOWN

1. $55 \text{ min} + 55 \text{ min} = 1 \text{ hour} + \underline{\hspace{1cm}}$
3. 4 groups of 7 = 7 groups of _____
4. One group of 8 equal parts is one _____
5. Perimeter of rectangle with sides 3 & 5
8. $3 \times 30 = 3 \times 3 \times \underline{\hspace{1cm}}$

Answers

Down: 1. Fifty 3. Four 4. Eighth 5. Sixteen 8. Ten
Across: 2. Nine 3. Five 5. Sixty 6. Thirty 7. Twenty

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