Name: _____

TANGY TUESDAY

TANGY TUESDAY PUZZLE PACK!

Fun brain puzzles that make you smarter!

DIGICROSS

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

		1 f				2 t	
3 t	w	o				r	
		u				u	
4 g	r	e	a	t	e	r	
5 n	6 s	t					
7 f	i	v	e				
n	v						
8 e	l	e	v	9 e	n		
n	i						
g							
h							
10 s	i	x	t	y			
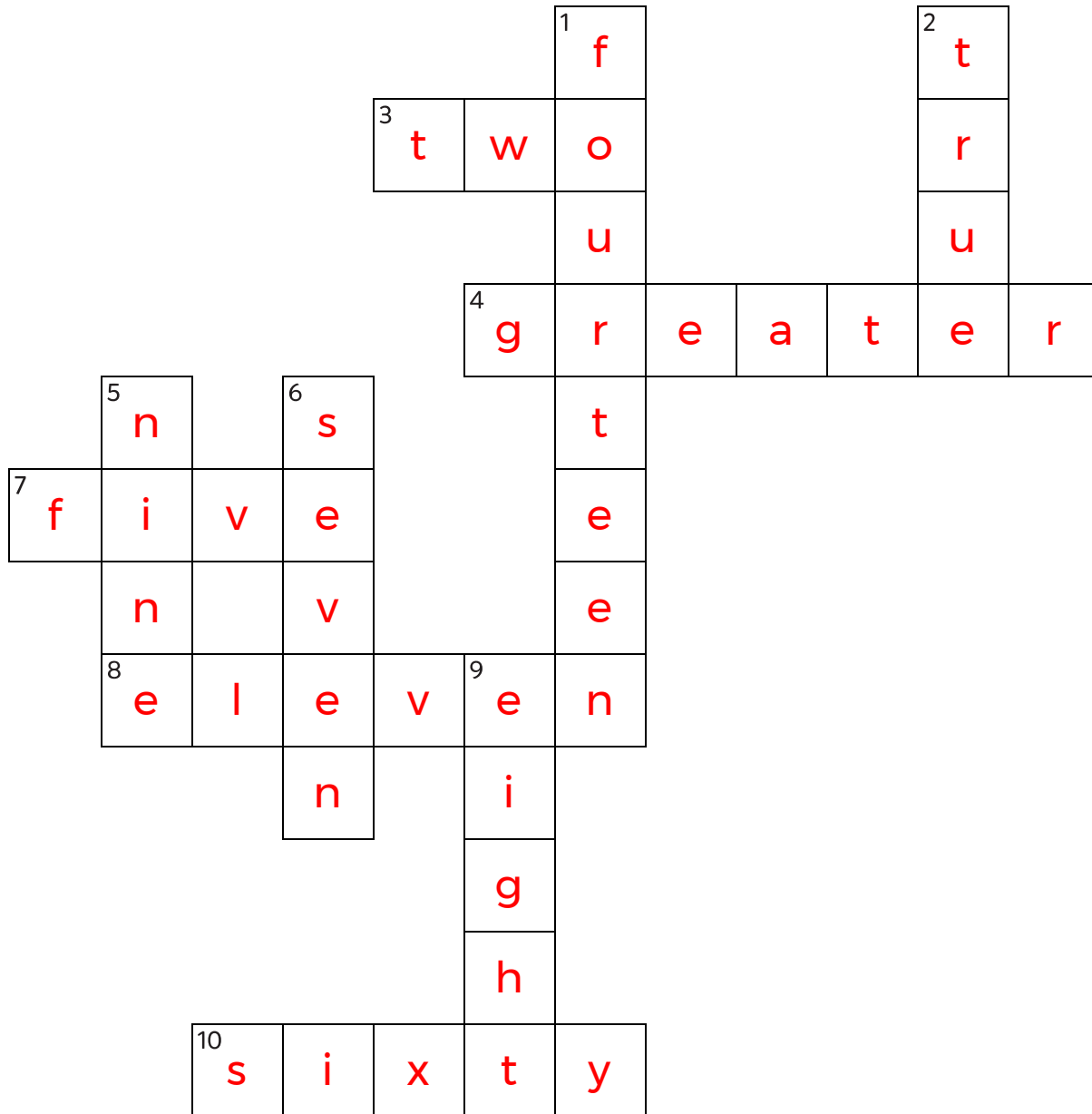
eight   nine   true   fourteen   seven   sixty   two   eleven   greater   five

ACROSS
3. 32 is _____ times as much as 16
4. 3/10 is _____ than 2/15
7. 50 ÷ 9 has remainder _____
8. 66 is a multiple of _____
10. 2 x 438 = 800 + _____ + 16

DOWN
1. 42 ÷ 3
2. 4,999 + 1,999 = 6,998
5. 6 eighths + 3 eighths = _____ eighths
6. .7 = _____ tenths
9. 7,600 is closest to _____ thousand

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SNAKE

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

Puzzle 1

2	×3	6	+2	8	÷2	4	×5	20
								-12
12	÷3	4	×2	8	-2	6		8
+6								÷2
6	×3	2	÷2	4	-16	20	×5	4

Puzzle 2

2	×5	10
		-2
4	÷2	8
×2		
8	+4	12	÷3	4

Puzzle 3

9	÷3	3	×2	6
-11				+4
20		2	÷5	10
×5		×2		
4		4	+6	10

Tangy Tuesday Puzzle Pack
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NUMTANGA

In each empty box, write the matching value between adjacent cards.

$.50 / 🪙🪙🪙	**15¢** / nickel	**.50**
.30		
$.30 / 🪙🪙	**40¢** / quarter	**.40**
.25		
$.10 / 🪙🪙	**25¢** / two cents	**.10**

$.20 / 🪙🪙🪙	**1¢** / fifty cents	**.07**
.01		
$.01 / 🪙	**2¢** / forty cents	**.02**
.05		
$1 / 🪙	**5¢** / twenty cents	**1**

$.05 / 🪙	**75¢** / seven cents	
.75		
$.15 / 🪙🪙	**20¢** / seventy five cents	
.15		
$.25 / 🪙🪙	**100¢** / penny	

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Name:

KAKOOMA

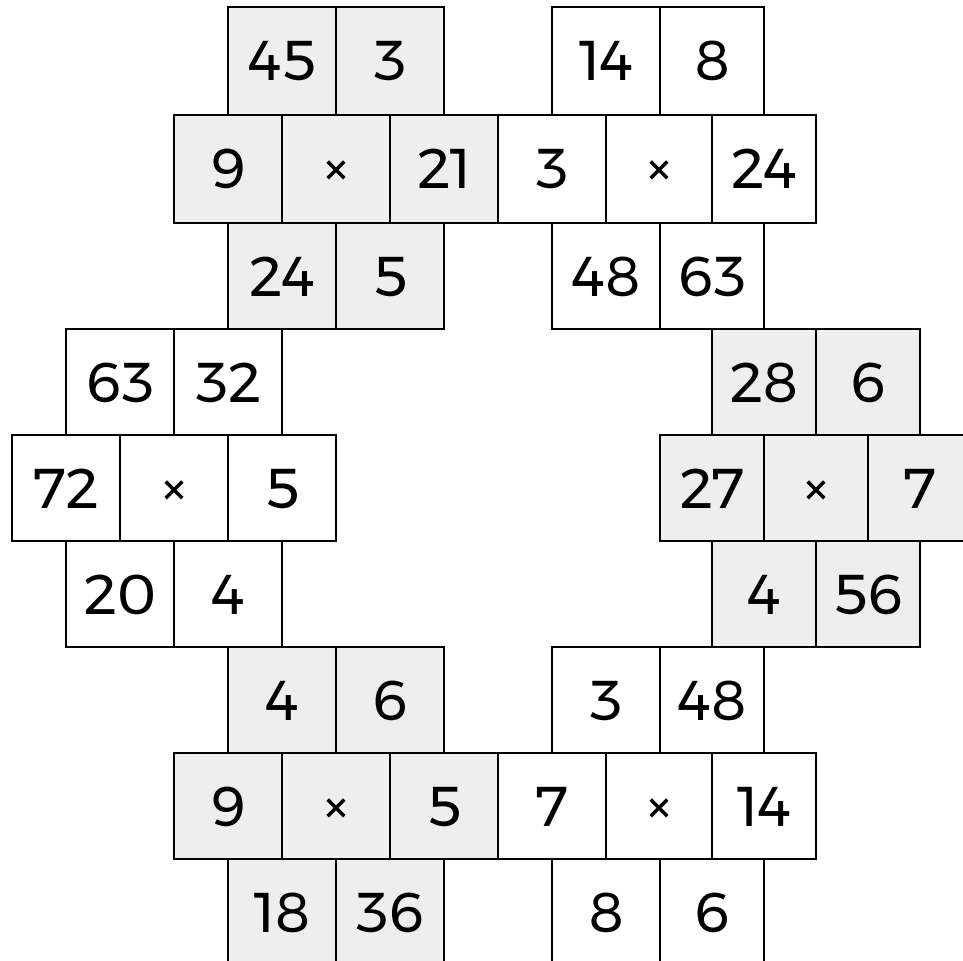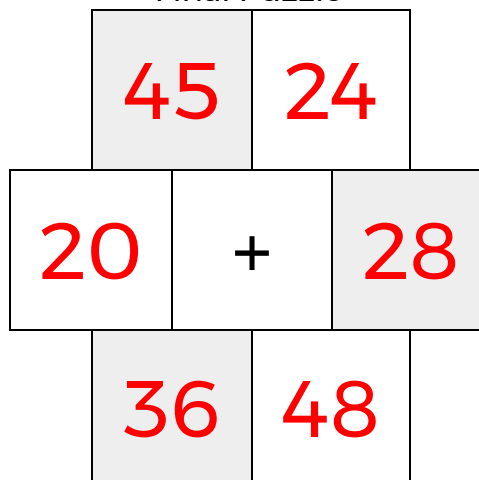In each 6-number group, find the one number that is the product of two other numbers.
Use all 6 products to create a final puzzle, then solve for the final answer.

45	3		14	8

$$9 \times 21 \quad 3 \times 24$$

24	5		48	63

63	32			28	6

$$72 \times 5 \qquad 27 \times 7$$

20	4		4	56

4	6		3	48

$$9 \times 5 \quad 7 \times 14$$

18	36		8	6

Final Puzzle

45	24

20	+	28

36	48

Final Answer

48

EQUATO

Fill in the empty boxes to make every horizontal and vertical equation correct.
Read equations left to right and top to bottom. Use every number in the bank once.

1 2 3 4 5 6 7 8

2	–	1	=	4	–	3
=	▓	+	▓	+	▓	=
6	=	8	+	7	–	9
+	▓	÷	▓	–	▓	–
5	+	8	–	7	=	6
–	▓	=	▓	=	▓	×
9	–	2	×	4	=	1