

Name: \_\_\_\_\_

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# TANGY TUESDAY



*Fun brain puzzles that make you smarter!*

Name: \_\_\_\_\_

# DIGICROSS

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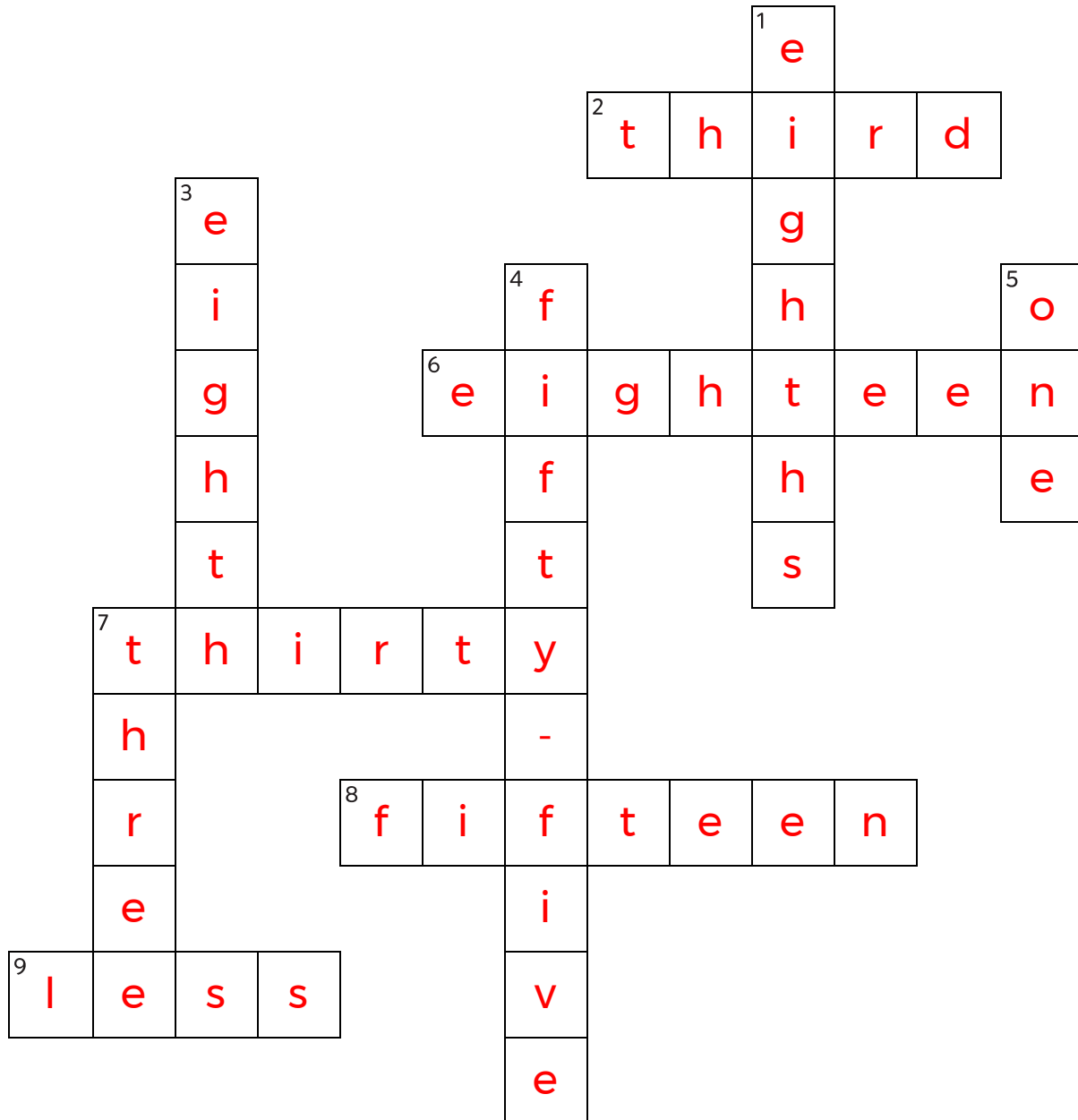
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Complete the crossword by filling in a word that fits each clue.



less    third    eighth    one    fifty-five    thirty    fifteen    eighths    eighteen    three

## ACROSS

2. 1,000 = 10 to the \_\_\_\_ power
6.  $30 - 5 \times 4 + 8$
7.  $3.0 =$  \_\_\_\_ tenths
8.  $\frac{1}{3}$  of 45
9.  $\frac{6}{8} \times 16$  is \_\_\_\_ than 16

## DOWN

1.  $\frac{1}{2} + \frac{1}{8} = 5$  \_\_\_\_
3.  $\frac{1}{4} \div 2 =$  one \_\_\_\_
4.  $.21 + .34 =$  \_\_\_\_ hundredths
5. .1 is  $\frac{1}{10}$  of \_\_\_\_
7.  $345 \div 15 =$  twenty- \_\_\_\_

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# SNAKE

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

8		36	÷4	9		40	÷5	8
×8		-24		×2		-5		×6
64		60		18		45		48
-34		×10		-3		×9		-28
30	÷5	6		15	÷3	5		20

9	×6	54	-5	49	÷7	7	×9	63
								-43

9	÷2	18	+8	10	×2	5	÷4	20
×2								
18	-4	14	÷2	7	×7	49	-39	10

Name: \_\_\_\_\_

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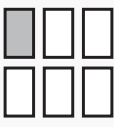
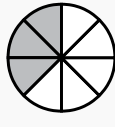
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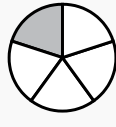
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# NUMTANGA


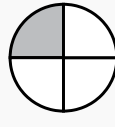
In each empty box, write the matching value between adjacent cards.

$\frac{3}{4}$	
	one third

$\frac{1}{6}$

$\frac{1}{6}$	
	one half

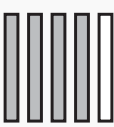
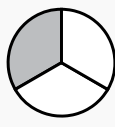
$\frac{1}{2}$

$\frac{4}{5}$	
	three eighths


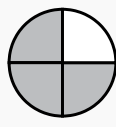
$\frac{1}{3}$

$\frac{7}{8}$


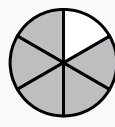
$\frac{3}{8}$

$\frac{1}{5}$	
	five eighths

$\frac{4}{5}$

$\frac{7}{8}$	
	four fifths


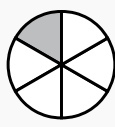
$\frac{2}{3}$

$\frac{3}{8}$	
	two thirds

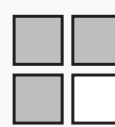
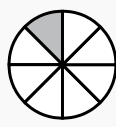
$\frac{5}{8}$

$\frac{3}{4}$


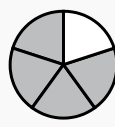
$\frac{5}{6}$

$\frac{2}{3}$	
	one fourth

$\frac{1}{4}$

$\frac{1}{4}$	
	one fifth

$\frac{1}{8}$

$\frac{5}{6}$	
	one sixth

Name: \_\_\_\_\_

# KAKOOMA

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In each 8-number group, find the one number that is the sum of two other numbers.  
Use all 8 sums to create a final puzzle, then solve for the final answer.

13	3	23	13	15	5	12	17	22
22	+	11	14	+	24	11	+	6
16	15	17	7	16	12	13	21	14
7	6	3				9	18	6
22	+	8				1	+	2
9	24	23				10	25	14
14	21	4	12	15	25	13	22	17
3	+	15	2	+	8	18	+	23
16	10	22	3	19	24	21	12	11

Final Puzzle

16	12	17
9	+	10
14	15	23

Final Answer

23

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# EQUATO

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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    9

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