

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

PACK

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LEVEL

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# TANGY TUESDAY

*We the People*

## **TANGY TUESDAY PUZZLE PACK!**

*Fun brain puzzles that make you smarter!*



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

# DIGICROSS

PACK

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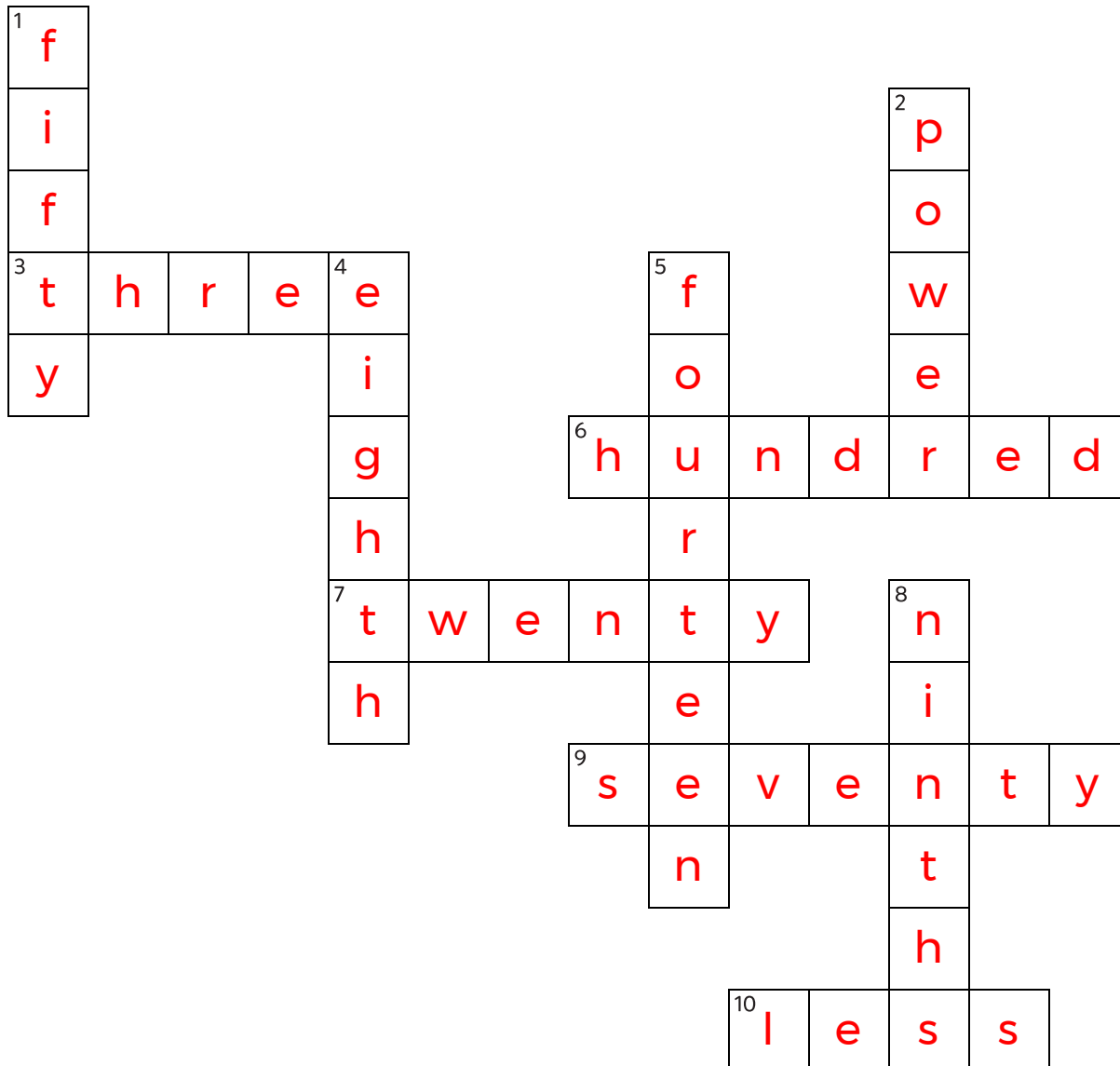
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Complete the crossword by filling in a word that fits each clue.



twenty    power    less    hundred    eighth    seventy    fourteen    fifty    ninths    three

## ACROSS

3.  $345 \div 15 =$  twenty- \_\_\_\_
6. 10 is  $\frac{1}{10}$  of one \_\_\_\_
7.  $\frac{2}{3}$  of 30
9.  $.56 + .14 =$  \_\_\_\_ hundredths
10.  $\frac{7}{8} \times 16$  is \_\_\_\_ than 16

## DOWN

1.  $5.0 =$  \_\_\_\_ tenths
2.  $100 = 10$  to the 2nd \_\_\_\_
4.  $\frac{1}{4} \div 2 =$  one \_\_\_\_
5.  $5 + 3 \times 5 - 6$
8.  $\frac{1}{3} + \frac{1}{9} = 4$  \_\_\_\_

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# SNAKE

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

6	$\times 4$	24	$-12$	12	$\div 2$	6	$\times 3$	18
								$+0$
8	$\div 5$	40	$+4$	36	$\times 4$	9	$\div 2$	18
$\times 6$								
48	$-20$	28	$\div 4$	7	$\times 5$	35	$-29$	6

4		72	$\div 8$	9		12	$\div 2$	6
$\times 2$		$+45$		$\times 8$		$-60$		$\times 2$
8		27		72		72		12
$+82$		$\times 3$		$-36$		$\times 8$		$+12$
90	$\div 10$	9		36	$\div 4$	9		24

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

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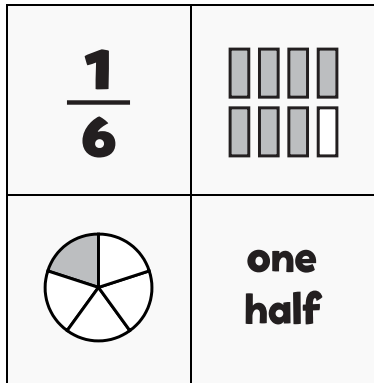
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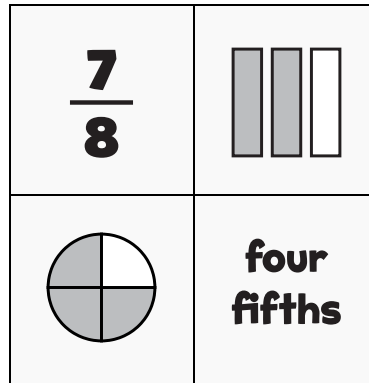
# NUMTANGA

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



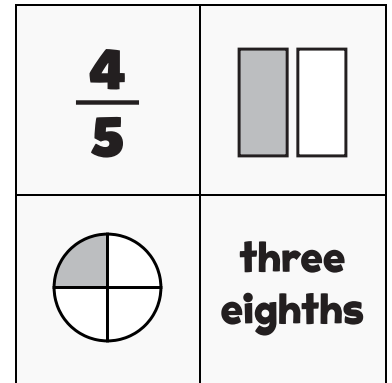
$\frac{1}{6}$

$\frac{7}{8}$

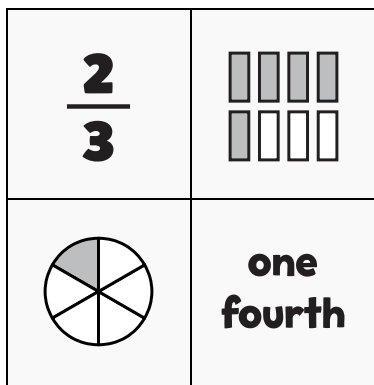


$\frac{3}{4}$

$\frac{4}{5}$

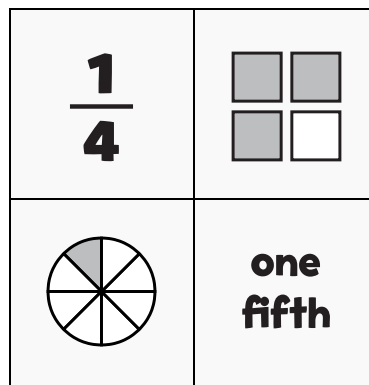


$\frac{3}{8}$



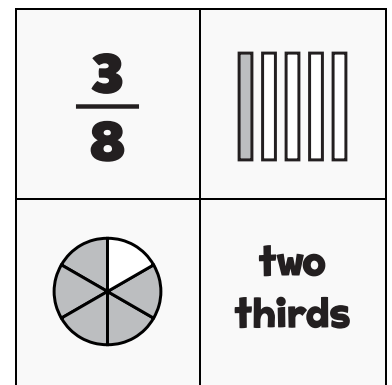
$\frac{5}{8}$

$\frac{1}{4}$

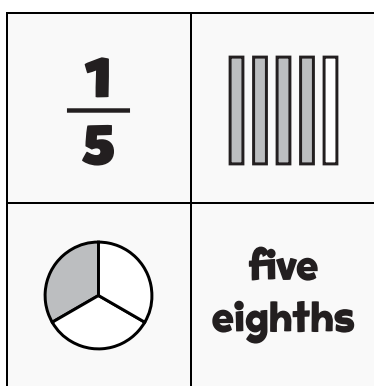


$\frac{1}{8}$

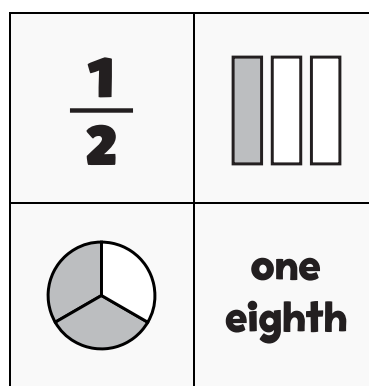
$\frac{1}{5}$



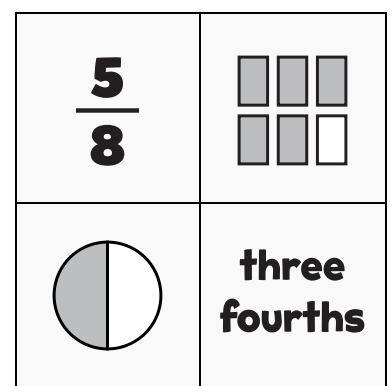
$\frac{5}{6}$



$\frac{1}{3}$



$\frac{1}{2}$



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# 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.

17	20	11	23	12	16	14	25	23
16	+	8	2	+	9	3	+	24
10	19	22	19	18	24	6	7	22
23	25	9				9	19	1
15	+	20				2	+	22
24	18	17				25	8	5
25	6	10	20	17	2	3	5	4
3	+	5	13	+	21	11	+	10
12	8	21	10	5	1	22	2	23

Final Puzzle

19	18	25
24	+	9
8	21	5

Final Answer

24

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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

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