

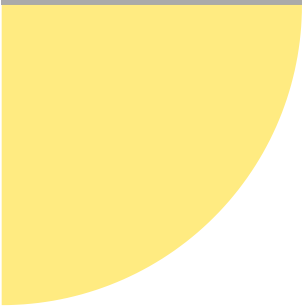
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TANGY TUESDAY™

PACK	LEVEL	WEEK
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1	E	31
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Step-by-step examples at tangmath.com/tutorials



TANGY TUESDAY

Pack 1

DigiCross · Snake · NumTanga · Kakooma · Equato

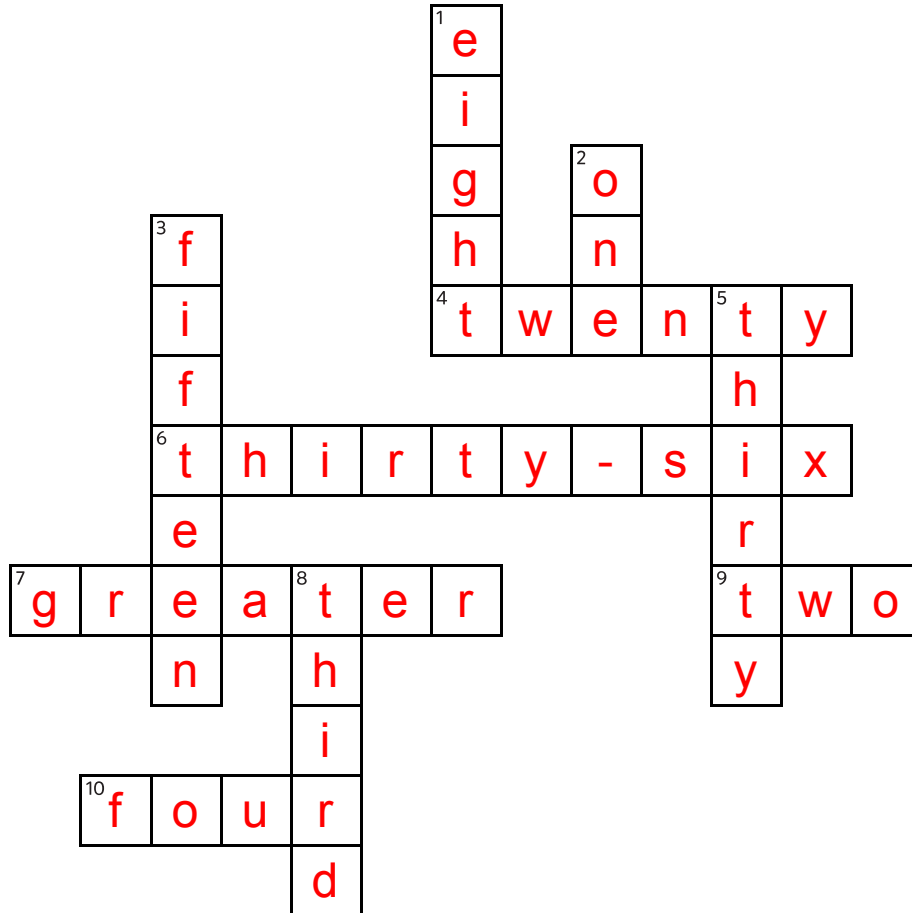
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DIGICROSS

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PACK	LEVEL	WEEK
1	E	31

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



ACROSS

- $6 \frac{1}{3} \times 3 \frac{1}{6} = \underline{\quad} + \frac{1}{18}$
- $3 \times (4+2) \div (5 \div 10)$
- $\frac{3}{2} - \frac{2}{5}$ is than 1
- 32 is hundred times .16
- $509\bar{6} \div 14 = 300 + 60 + \underline{\quad}$

DOWN

- $\underline{\quad} \div \frac{2}{5} = 20$
- 6.435×10^4 has zero
- $\underline{\quad} \times .4 = 6$
- .0304 is closest to thousandths
- $\frac{1}{2} + \frac{2}{3} - \frac{5}{6} = 1 \underline{\quad}$

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SNAKE

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Fill each empty box, in order, combining the numbers from the previous 2 boxes.

5	$\div \frac{1}{3}$	15		56	$\times \frac{1}{7}$	8	$\div \frac{1}{5}$	40
			+66	+29				+41
9	$\times \frac{1}{9}$	81		27		9	$\times \frac{1}{9}$	81
$\div \frac{1}{10}$				$\div \frac{1}{3}$		$\div \frac{1}{10}$		
90	-63	27	$\times \frac{1}{3}$	9		90	-66	24

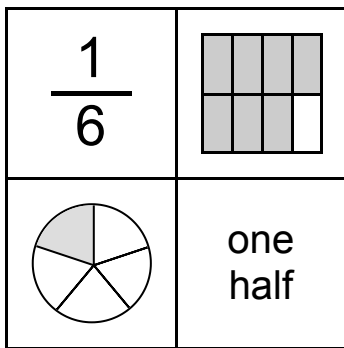
8	$\div \frac{1}{3}$	24	-14	10	$\times \frac{1}{2}$	5	$\div \frac{1}{2}$	10
								-2
8	$\times \frac{1}{6}$	48	+24	24	$\div \frac{1}{6}$	4	$\times \frac{1}{2}$	8
$\div \frac{1}{7}$								
56	-32	24	$\times \frac{1}{3}$	8	$\div \frac{1}{6}$	48	-23	25

Name: _____

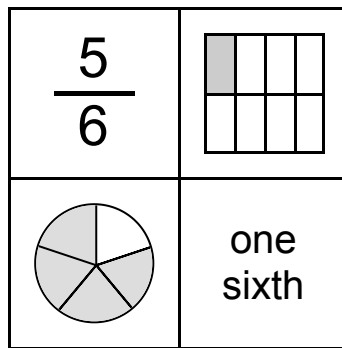
NUMTANGA

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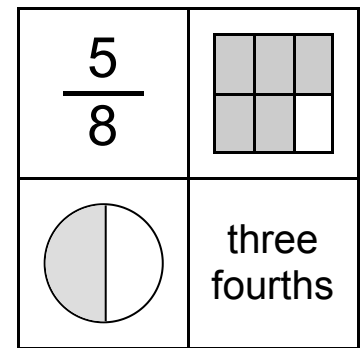
In each empty box, write the matching value between adjacent cards.



$\frac{1}{6}$



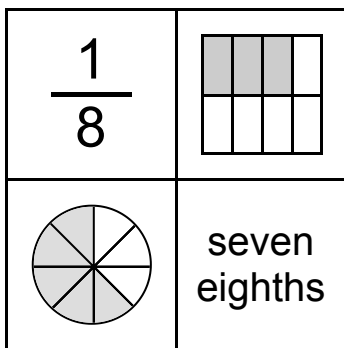
$\frac{5}{6}$



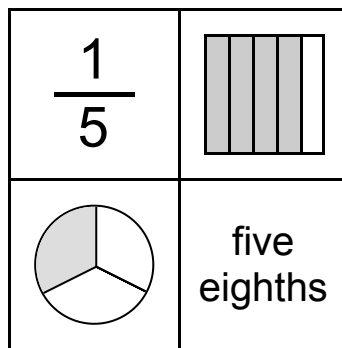
$\frac{1}{2}$

$\frac{7}{8}$

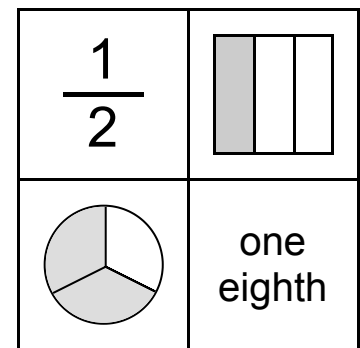
$\frac{4}{5}$



$\frac{5}{8}$



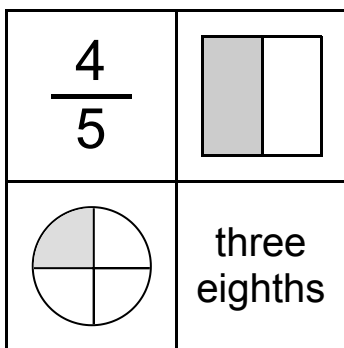
$\frac{1}{3}$



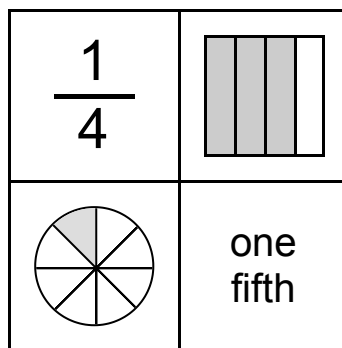
$\frac{2}{3}$

$\frac{3}{8}$

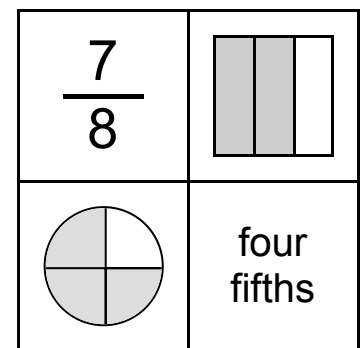
$\frac{1}{5}$



$\frac{1}{4}$



$\frac{3}{4}$



Name: _____

TANGY TUESDAY™

KAKOOMA

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In each group, circle the one number that is the sum or product of two other numbers.
Write the circled numbers in the final puzzle and solve.

26	20	7	22	16	21	23	22	11
11	+	8	9	+	2	27	+	19
2	16	1	18	15	29	20	21	30
27	20	10				2	7	1
26	+	8				12	+	24
1	13	22				20	18	28
23	15	30	10	28	27	8	20	16
16	+	5	23	+	24	13	+	18
6	29	19	7	9	13	15	9	6

Final Puzzle

8	18	30
27	+	20
29	23	15

Final Answer

23

Name: _____

TANGY TUESDAY™

EQUATO

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Use each number once to complete the equations. Read equations left to right and top to bottom.

NUMBER BANK

1 2 3 4 5 6 7 8 9 9

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