

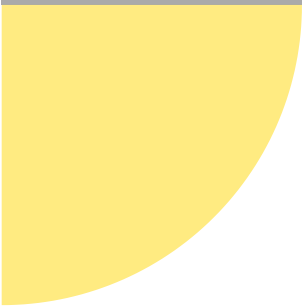
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TANGY TUESDAY™

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



TANGY TUESDAY

Pack 1

DigiCross · Snake · NumTanga · Kakooma · Equato

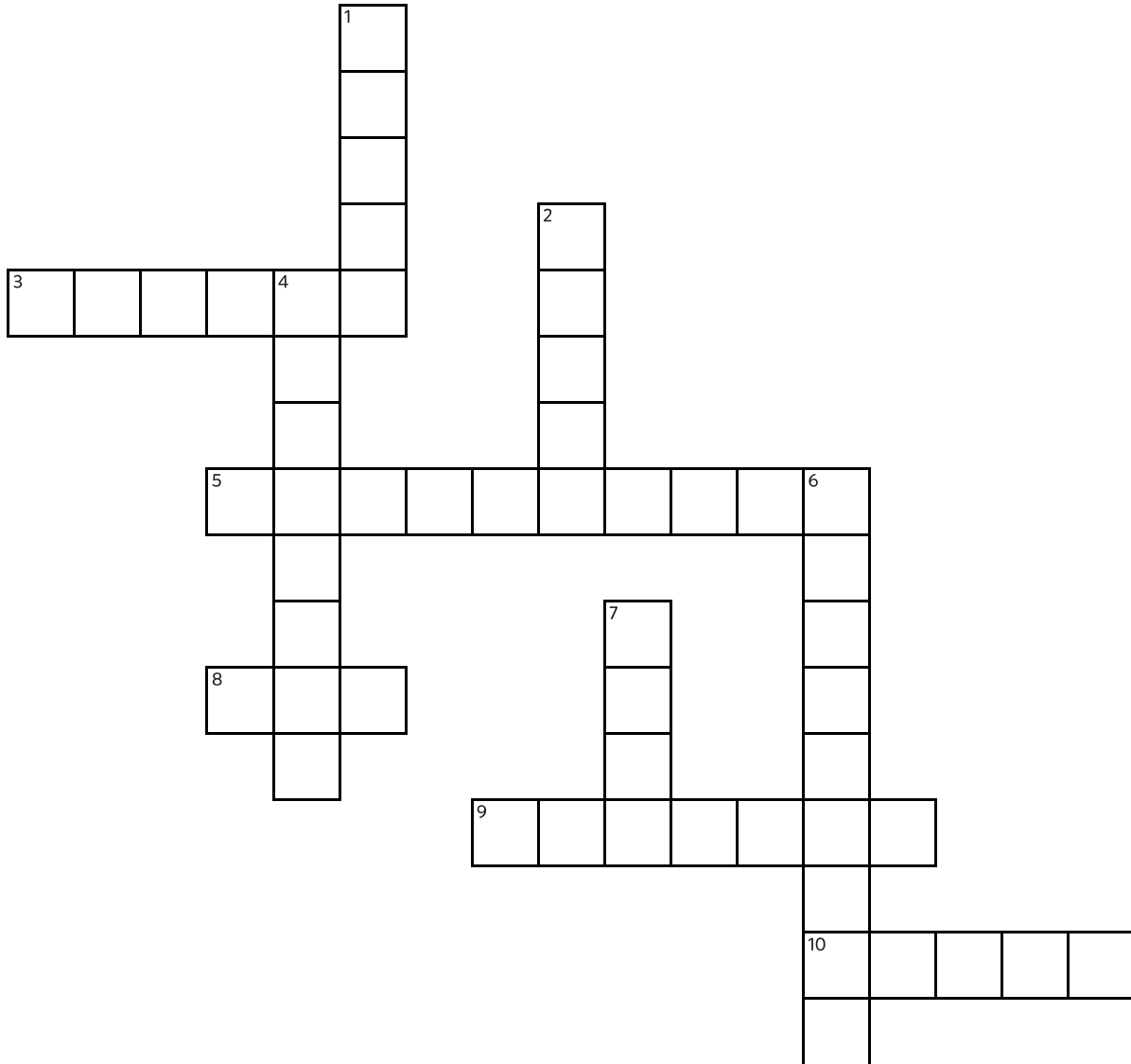
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DIGICROSS

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



ACROSS

3. $1107 \div 9 = 100 + \underline{\quad} + 3$
5. $\frac{3}{10} + \frac{9}{100} = 39 \underline{\quad}$
8. 105th digit in pattern 12341234...
9. $\frac{3}{17}$ is $\underline{\quad}$ than $\frac{6}{35}$
10. $1 \frac{1}{6} - \frac{5}{6} = 1 \underline{\quad}$

DOWN

1. $4 \times 1,215 = 4,000 + 800 + \underline{\quad}$
2. $6,286 - 465 = 6,486 - 365 \underline{\quad}$
4. 700,000 is 100 times 7 $\underline{\quad}$
6. $\frac{1}{2}$ is one $\underline{\quad}$ as much as 8
7. 16 has $\underline{\quad}$ factors

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SNAKE

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

10	$\times 2$		$+5$		$\times \frac{1}{5}$		$\times 9$	
								-13
	$\times \frac{1}{6}$		-32		$\times 10$		$\times \frac{1}{4}$	
$\times 2$								
	$+24$		$\times \frac{1}{5}$		$\times 9$		-42	30

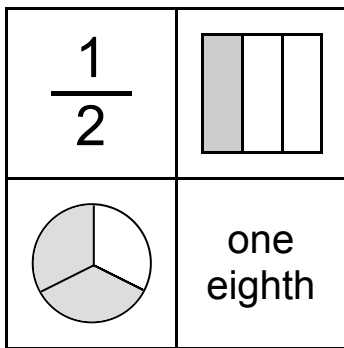
5		$\times \frac{1}{10}$			$\times \frac{1}{8}$	
$\times 4$	$+28$		$\times 7$	$+54$		$\times 5$
$+1$	$\times 6$		-19	$\times 3$		-31
	$\times \frac{1}{3}$			$\times \frac{1}{5}$		14

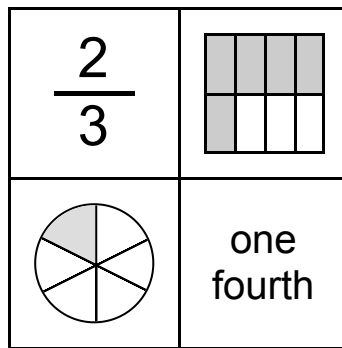
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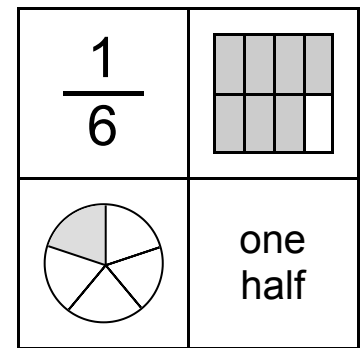
NUMTANGA

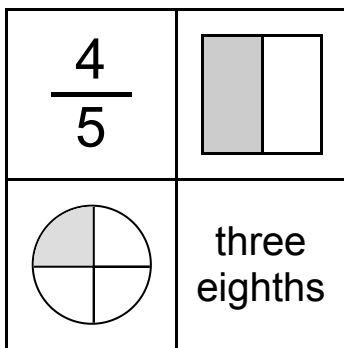
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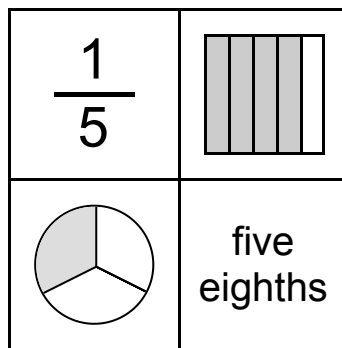
In each empty box, write the matching value between adjacent cards.

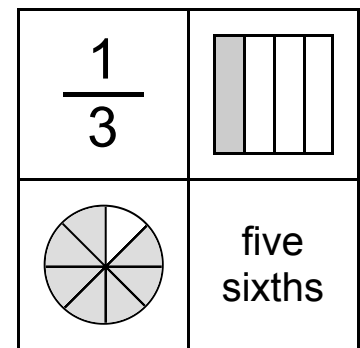


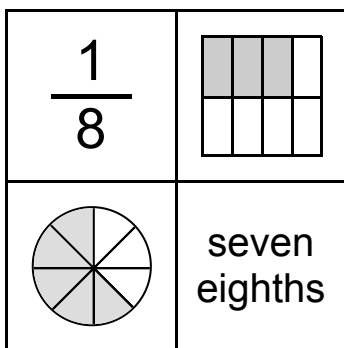


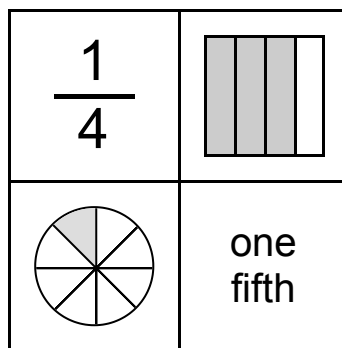


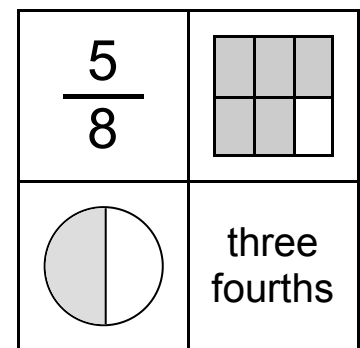












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KAKOOMA

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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.

14	70	12	10	5	15	10	4	27
54	×	7	8	×	9	8	×	32
9	3	27	40	48	27	21	90	20
15	24	4				35	54	8
3	×	40				80	×	10
8	14	20				36	40	12
9	32	10	32	8	9	90	7	80
48	×	42	14	×	2	60	×	24
63	90	8	30	72	90	3	21	40

Final Puzzle

	+	

Final Answer

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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

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