

Name: _____

TANGY TUESDAY™

PACK	LEVEL	WEEK
1	D	1

Step-by-step examples at tangmath.com/puzzles



TANGY TUESDAY

Pack 1

DigiCross · Snake · NumTanga · Kakooma · Equato

Name: _____

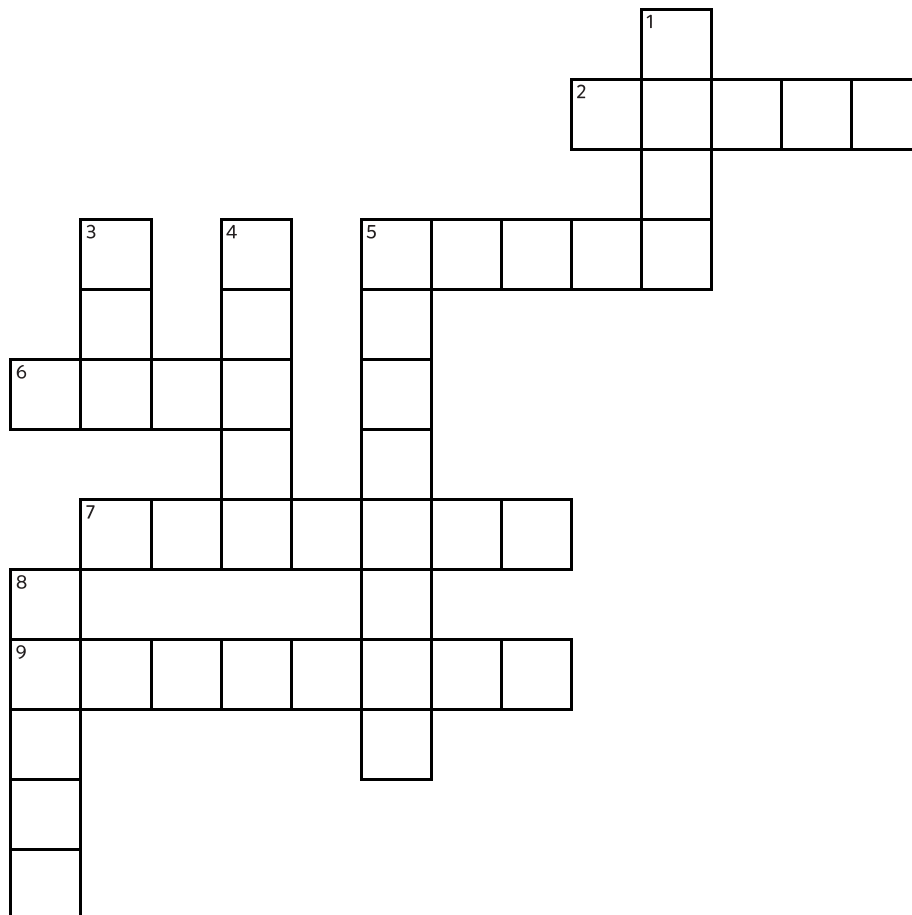
DIGICROSS

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



ACROSS

2. $2 \times 437 = 800 + \underline{\hspace{1cm}} + 14$
5. $4,999 + 3,002 = 8,000$
6. 44 is $\underline{\hspace{1cm}}$ times as much as 11
7. $\frac{5}{7}$ is $\underline{\hspace{1cm}}$ than $\frac{3}{8}$
9. 72 is a multiple of $\underline{\hspace{1cm}}$

DOWN

1. 2 sixths + 3 sixths = $\underline{\hspace{1cm}}$ sixths
3. $50 \div 8$ has remainder $\underline{\hspace{1cm}}$
4. 2,500 is closest to $\underline{\hspace{1cm}}$ thousand
5. $126 \div 9$
8. $.07 = \underline{\hspace{1cm}}$ hundredths

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SNAKE

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

4			$\div 2$				$\div 3$	
$\times 3$		-2		$\times 3$		$+8$		$\times 2$
$+0$		$\times 2$		$+1$		$\times 2$		$+12$
	$\div 3$				$\div 5$			20

3	$\times 2$		$+0$		$\div 2$		$\times 5$	
								-7
	$\div 2$		$\times 2$		$+0$	8		
$+2$								$\div 2$
	$\times 3$		$\div 5$		-6		$\times 4$	

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NUMTANGA

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TANGY TUESDAY™

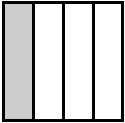
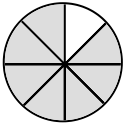
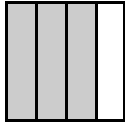
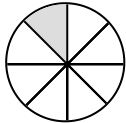
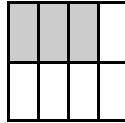
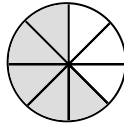
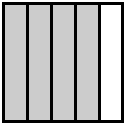
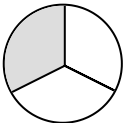
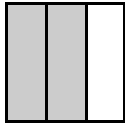
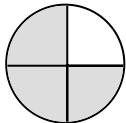
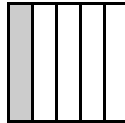
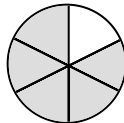
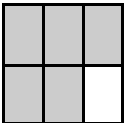
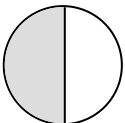
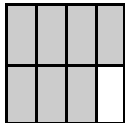
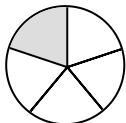
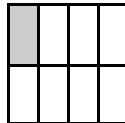
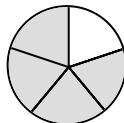
PACK LEVEL WEEK

1

D

1

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

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{1}{3}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>five sixths</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{1}{4}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>one fifth</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{1}{8}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>seven eighths</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{1}{5}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>five eighths</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{7}{8}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>four fifths</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{3}{8}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>two thirds</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{5}{8}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>three fourths</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{1}{6}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>one half</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $\frac{5}{6}$  </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <p>one sixth</p> </div> <div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>

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KAKOOMA®

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

70		7		54		10			
54	×	10	20	×	6				
30		32		2		30			
4	21					63	45		
35	×	10					9	×	12
8	32					72	8		
72		9		4		5			
7	×	63	12	×	8				
35		54		6		40			

Final Puzzle

		+	

Final Answer

Name: _____

EQUATO

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TANGY TUESDAY™		
PACK	LEVEL	WEEK
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Use each number once to complete the equations. Read equations left to right and top to bottom, but be sure to use the correct order of operations!

NUMBER BANK

1 2 3 4 5 6 7 8

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