Name:_____

TANGY TUESDAY™		
PACK	LEVEL	WEEK
1	E	12

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TANGY TUESDAY

Pack 1

DigiCross · Snake · NumTanga · Kakooma · Equato

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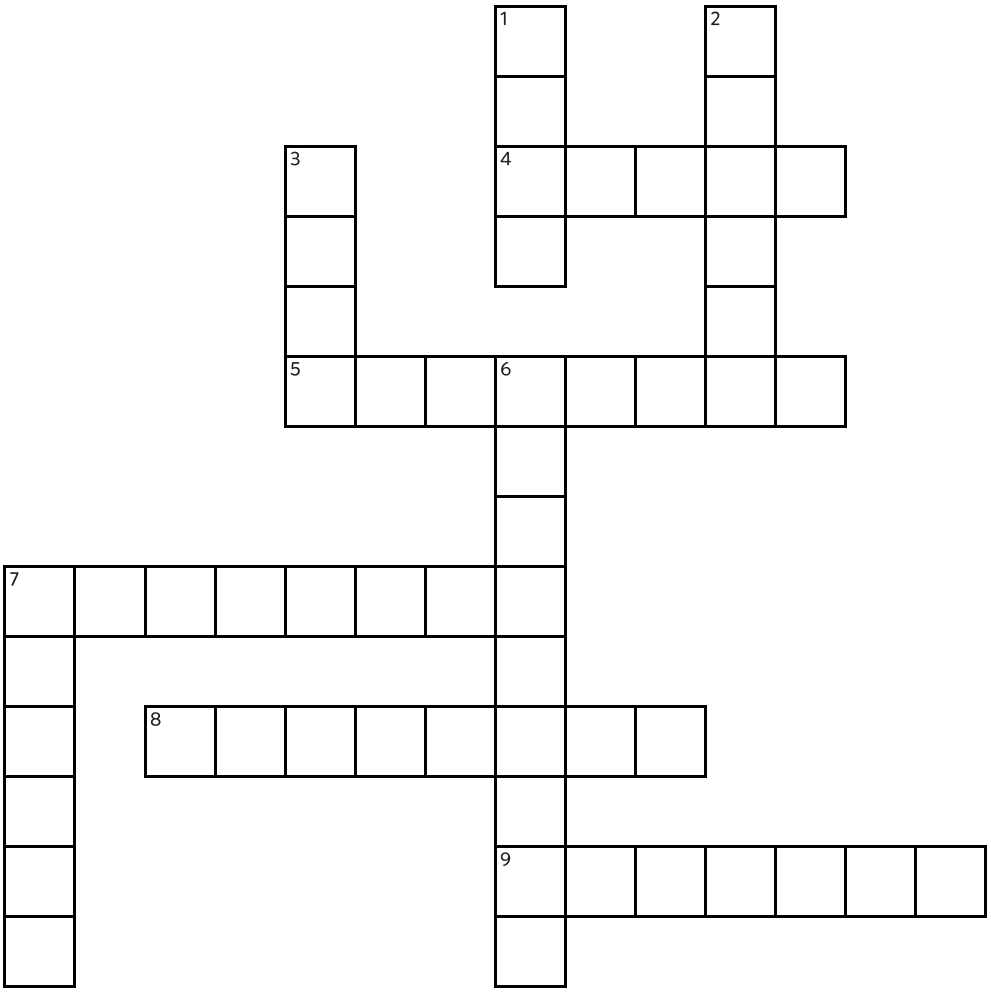
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DIGICROSS

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



ACROSS

4. 1/3 ÷ ___ = 1/21
5. 1.76 is closest to ___ tenths
7. 5 x 10 to the 3rd = 5 ___
8. 1/2 + 3/7 = ___ fourteenths
9. 1/3 of 1/4 = 1 ___

DOWN

1. 9/10 x 7/8 is ___ than 9/10
2. 372 ÷ 31 = ___
3. 1.25 - .75 = ___ tenths
6. 18 is one ___ of 1800
7. 8 + 3 x (6 - 2)

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SNAKE

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

4			$\times \frac{1}{2}$				$\times \frac{1}{4}$	
×2		-4		×5		+0		×2
+1		×4		-4		×4		+0
	$\times \frac{1}{3}$				$\times \frac{1}{4}$			8

3	×5		-9		$\times \frac{1}{2}$		×4	
								+4
	$\times \frac{1}{2}$		-16		×5		$\times \frac{1}{4}$	
×5								
	+2		$\times \frac{1}{3}$		×2		-2	6

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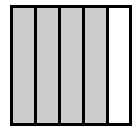
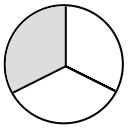
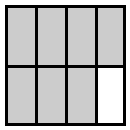
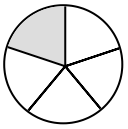
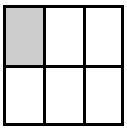
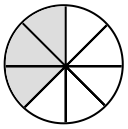
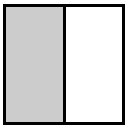
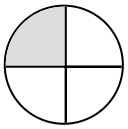
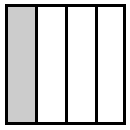
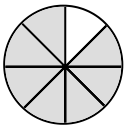
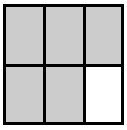
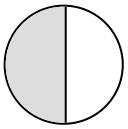
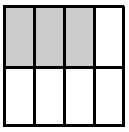
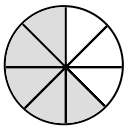
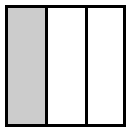
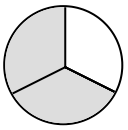
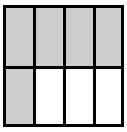
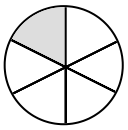
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NUMTANGA

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To solve the puzzle, here's what to do. Cross off the numbers that fit each clue.
With clever sleuth-work, when you're done, you'll be left with only one!

$\frac{1}{5}$   five eighths		$\frac{1}{6}$   one half		$\frac{3}{4}$   one third
$\frac{4}{5}$   three eighths		$\frac{1}{3}$   five sixths		$\frac{5}{8}$   three fourths
$\frac{1}{8}$   seven eighths		$\frac{1}{2}$   one eighth		$\frac{2}{3}$   one fourth

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KAKOOMA®

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

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

Final Puzzle

	+	

Final Answer

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EQUATO

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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

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

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