Name:_____

TANGY TUESDAY™		
PACK	LEVEL	WEEK
1	D	12

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TANGY TUESDAY

Pack 1

DigiCross · Snake · NumTanga · Kakooma · Equato

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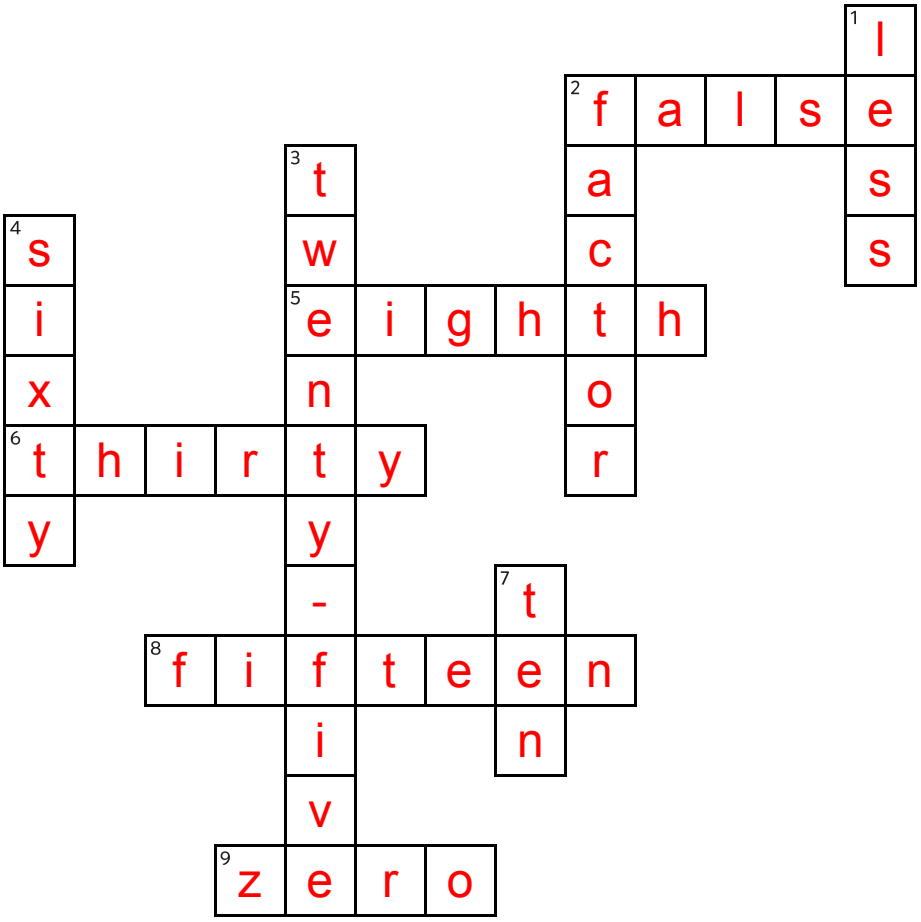
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DIGICROSS

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



ACROSS

2. 6000 - 3999 < 2000
5. 18 is one ___ as much as 144
6. .3 = ___ hundredths
8. 165 ÷ 11
9. 148 ÷ 4 has remainder ___

DOWN

1. 6/7 is ___ than 7/6
2. 11 is a ___ of 132
3. 2459 is closest to ___ hundreds
4. 15 x 12 = 120 + ___
7. 5 x 2/3 = ___ thirds

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SNAKE

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

6	×8	48	-32	16	÷4	4	×7	28
								-24
6	÷4	24	+12	12	×6	2	÷2	4
×8								
48	-33	15	÷3	5	×3	15	-7	8

3	×2	6		12	÷2	6	×6	36
		+9		+0				-18
5	÷3	15		12		6	÷3	18
×5				×2		×3		
25	-7	18	÷3	6		18	+24	42

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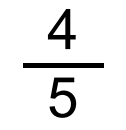
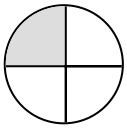
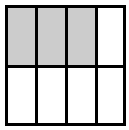
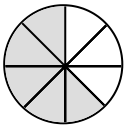
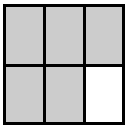
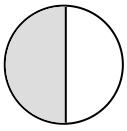
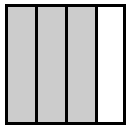
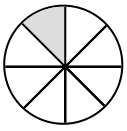
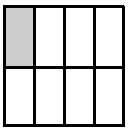
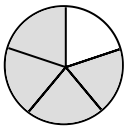
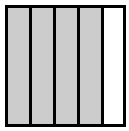
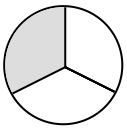
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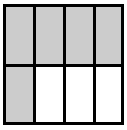
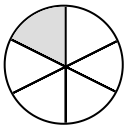
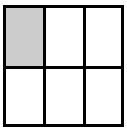
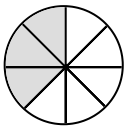
NUMTANGA

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TANGY TUESDAY™		
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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!

$\frac{4}{5}$   three eighths	$\frac{3}{8}$	$\frac{1}{8}$   seven eighths
$\frac{1}{2}$		$\frac{1}{8}$
$\frac{5}{8}$   three fourths	$\frac{3}{4}$	$\frac{1}{4}$   one fifth
$\frac{5}{6}$		$\frac{1}{5}$
$\frac{5}{6}$   one sixth	$\frac{4}{5}$	$\frac{1}{5}$   five eighths

$\frac{2}{3}$   one fourth	$\frac{1}{4}$	$\frac{3}{4}$   one third
$\frac{1}{6}$		$\frac{1}{3}$

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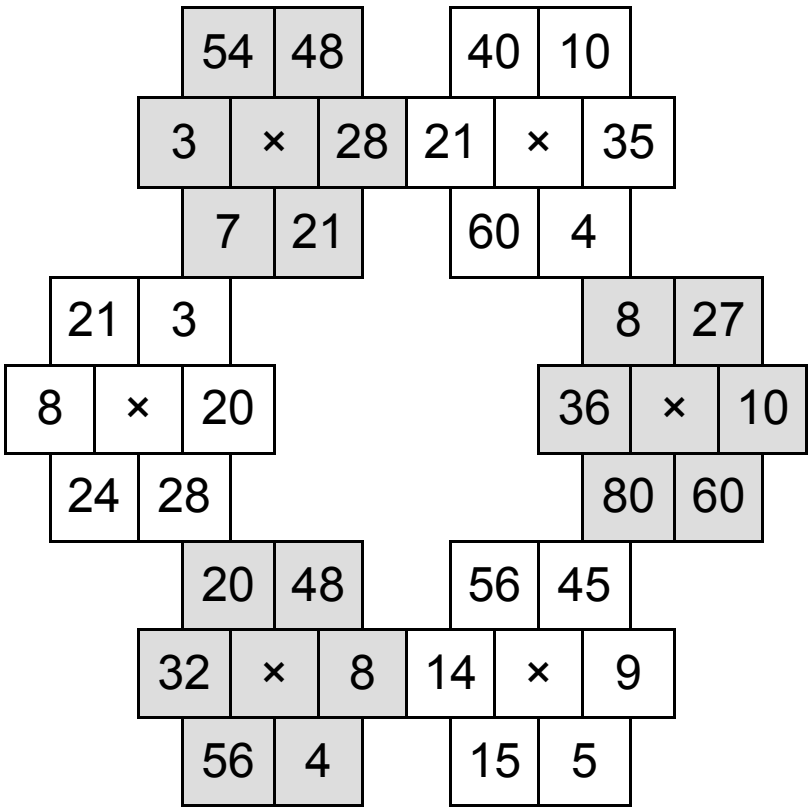
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KAKOOMA®

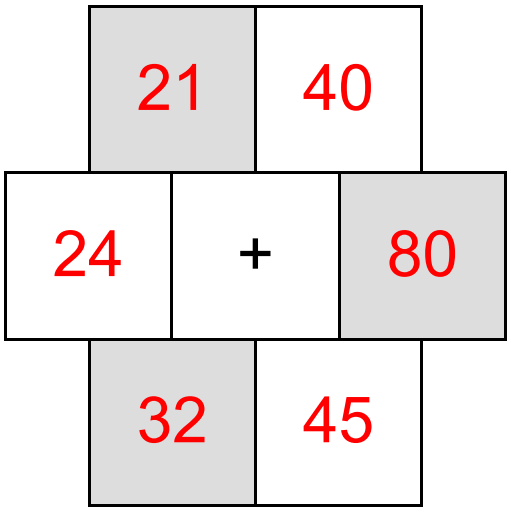
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In each group, circle the one number that is the sum or product of two other numbers.
Write the circled numbers in the final puzzle and solve.



Final Puzzle



Final Answer

45

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EQUATO

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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

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

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