Name: _____

TANGY TUESDAY

TANGY TUESDAY PUZZLE PACK!

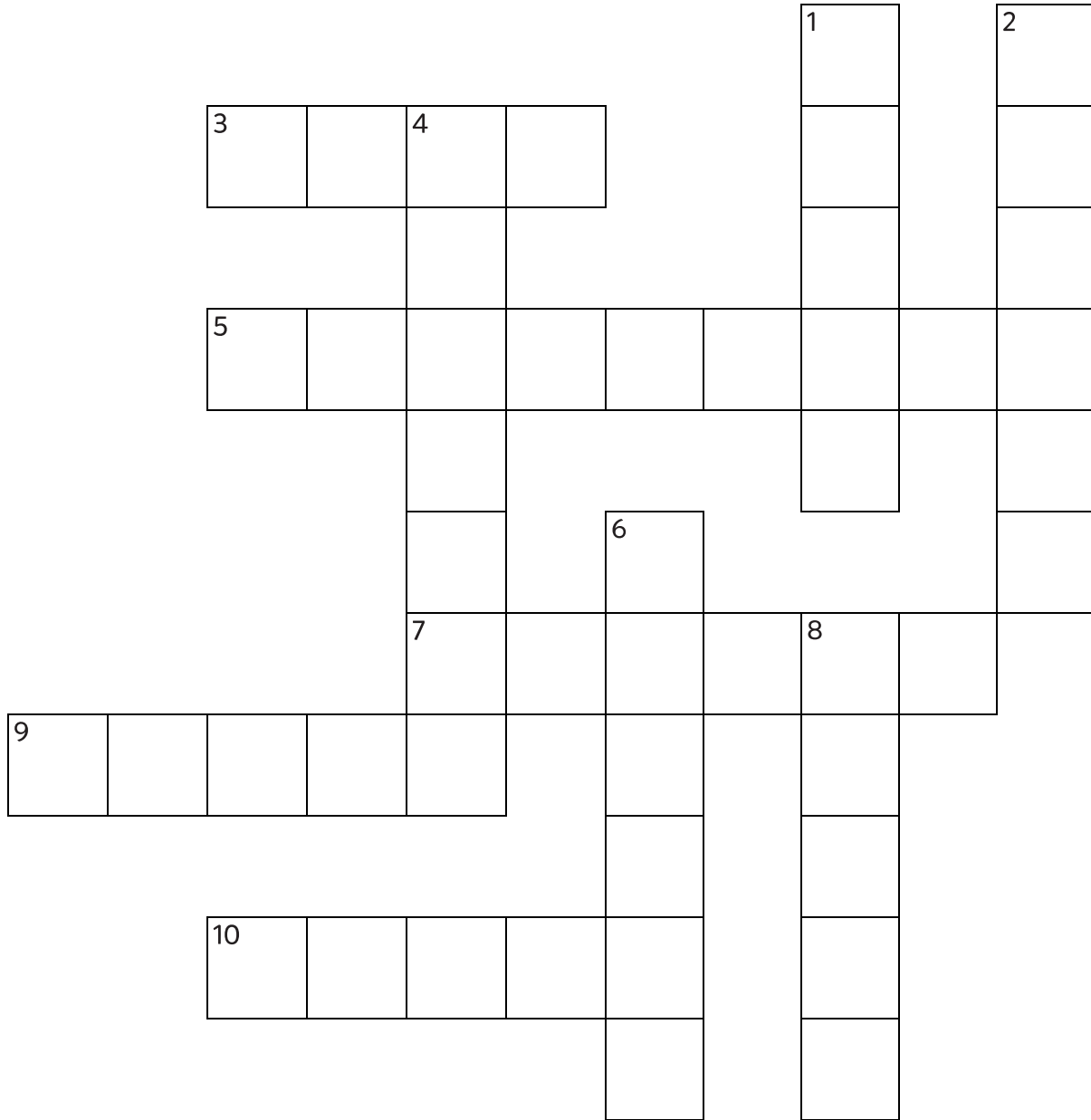*Fun brain puzzles that make you smarter!*

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DIGICROSS

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

thirty   power   sixth   seventeen   forty   twenty   tenth   less   ninths   seventy

ACROSS
3.   6/8 x 16 is _____ than 16
5.   20 - 4 x 2 + 5
7.   384 ÷ 12 = _____ -two
9.   .14 + .26 = _____ hundredths
10.   1/3 ÷ 2 = one _____

DOWN
1.   100 = 10 to the 2nd _____
2.   1/5 of 100
4.   7.0 = _____ tenths
6.   1/3 + 1/9 = 4 _____
8.   .01 is 1/10 of one _____

SNAKE

Fill in each blank box in order, combining the numbers from the previous two boxes.

Snake 1 (top):

Row 1: 2 | ×5 | ___ | +5 | ___ | ÷3 | ___ | ×2 | ___ → +30

Row 2: ___ | ÷3 | ___ | ×8 | ___ | +12 | 36

Left side: -72 ... Right side: ÷5

Row 3: ___ | ×9 | ___ | ÷8 | ___ | +40 | ___ | ×4 | ___

Snake 2 (bottom):

Column 1: 7 | ×3 | ___ | +6 | ÷3 | ___

Column 2: ___ | +45 | ___ | ×2 | ___ (with ÷7 at top)

Column 3: ÷7 | ___ | ×4 | ___ | -27 | ÷3

Column 4: ___ | -10 | ___ | ×6 | ___ (with ÷2 at top)

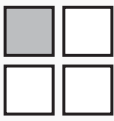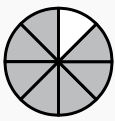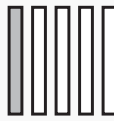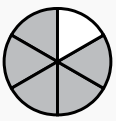Column 5: ÷2 | ×5 | ___ | -14 | 6
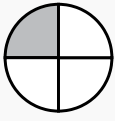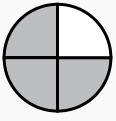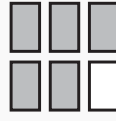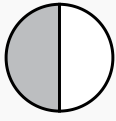
NUMTANGA

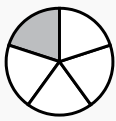In each empty box, write the matching value between adjacent cards.

$\dfrac{4}{5}$ · three eighths
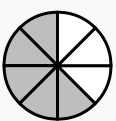
$\dfrac{7}{8}$ · four fifths

$\dfrac{5}{8}$ · three fourths
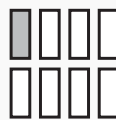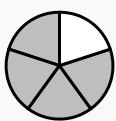
$\dfrac{1}{3}$ · five sixths

$\dfrac{3}{8}$ · two thirds

$\dfrac{1}{6}$ · one half

$\dfrac{1}{5}$ · five eighths

$\dfrac{1}{8}$ · seven eighths

$\dfrac{5}{6}$ · one sixth

KAKOOMA

In each 8-number group, find the one number that is the sum of two other numbers.
Use all 8 sums to create a final puzzle, then solve for the final answer.

5	16	18	10	11	19	20	1	3
8	+	24	4	+	20	25	+	8
15	12	22	17	5	13	4	6	15
8	24	2				24	3	10
4	+	18				12	+	25
25	15	13				11	9	5
23	10	12	17	25	8	10	2	8
20	+	25	22	+	10	16	+	21
1	6	18	11	13	20	15	3	4

Final Puzzle

	+	

Final Answer

Name: _____

EQUATO

Fill in the empty boxes to make every horizontal and vertical equation correct.
Read equations left to right and top to bottom. Use every number in the bank once.

1 2 3 4 5 6 7 8 9

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

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