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# TANGY TUESDAY



# TANGY TUESDAY PUZZLE PACK!

*Fun brain puzzles that make you smarter!*

Name: \_\_\_\_\_

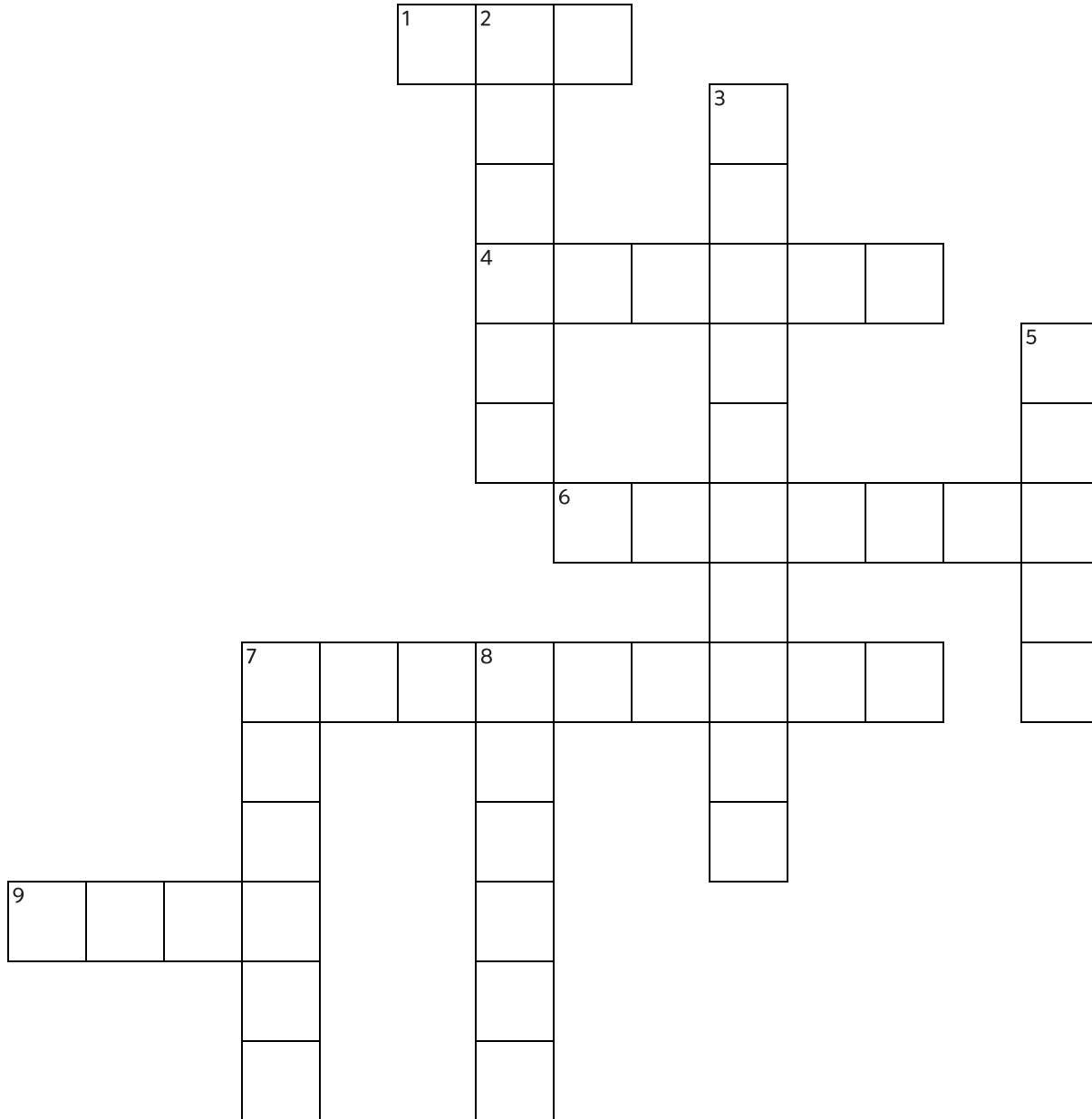
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# DIGICROSS

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



four    first    fifty-two    twelve    hundredths    ninths    one    fourth    greater    twenty

**ACROSS**

- 1. .1 is  $\frac{1}{10}$  of \_\_\_\_
- 4.  $2.0 =$  \_\_\_\_ tenths
- 6.  $\frac{6}{5} \times 20$  is \_\_\_\_ than 20
- 7.  $70 - 4 \times 5 + 2$
- 9.  $264 \div 11 =$  twenty- \_\_\_\_

**DOWN**

- 2.  $\frac{1}{3} + \frac{1}{9} = 4$  \_\_\_\_
- 3.  $.12 + .18 = 30$  \_\_\_\_
- 5.  $10 = 10$  to the \_\_\_\_ power
- 7.  $\frac{1}{2} \div 2 =$  one \_\_\_\_
- 8.  $\frac{1}{4} \times 48$

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# SNAKE

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

5	$\times 8$		$-13$		$\div 3$		$\times 3$	
---	------------	--	-------	--	----------	--	------------	--

+5

	$\div 8$		$+48$		$\times 3$		$\div 4$	
--	----------	--	-------	--	------------	--	----------	--

$\times 8$

	$-37$		$\div 5$		$\times 3$		$-3$	18
--	-------	--	----------	--	------------	--	------	----

5	$\times 5$	
---	------------	--

+10

	$\div 5$	
--	----------	--

$\times 2$

	$-2$		$\div 2$	
--	------	--	----------	--

	$\div 2$		$\times 6$	
--	----------	--	------------	--

$-30$

+26

	$\div 10$	
--	-----------	--

$\times 8$

	$\times 10$			$-53$	27
--	-------------	--	--	-------	----

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# NUMTANGA

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

$\frac{5}{8}$	
	three fourths

$\frac{1}{5}$	
	five eighths

$\frac{1}{4}$	
	one fifth




$\frac{5}{6}$	
	one sixth

$\frac{3}{4}$	
	one third

$\frac{4}{5}$	
	three eighths




$\frac{1}{2}$	
	one eighth

$\frac{7}{8}$	
	four fifths

$\frac{1}{6}$	
	one half

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# 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.

6	22	2	23	8	14	20	6	24
17	+	9	17	+	10	7	+	3
14	25	7	1	5	16	10	2	19
22	11	19				21	9	8
5	+	21				7	+	3
25	13	18				19	25	13
1	25	3	7	25	8	2	5	23
10	+	6	13	+	4	1	+	14
5	12	21	9	24	10	20	4	8

Final Puzzle

	+	

Final Answer

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# 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

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