

Name: _____

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TANGY TUESDAY

WELCOME BACK

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.

1 t e n
2 n
3 t w o
4 f o u r t e e n
5 f i f t y
6 o
7 l
8 e i g h t h
s
y
s

ten fifty two ninths less first twenty forty eighth fourteen

ACROSS

- 1 is $\frac{1}{10}$ of ____
- $308 \div 14 =$ twenty- ____
- $5 + 3 \times 5 - 6$
- $5.0 =$ ____ tenths
- $\frac{1}{4} \div 2 =$ one ____

DOWN

- $\frac{1}{3} + \frac{1}{9} = 4$ ____
- $\frac{1}{5}$ of 100
- $10 = 10$ to the ____ power
- $.14 + .26 =$ ____ hundredths
- $\frac{3}{4} \times 12$ is ____ than 12

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SNAKE

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

3	$\times 4$	12		12	$\div 2$	6	$\times 8$	48
			$+6$	-33				-30
9	$\div 2$	18		45		9	$\div 2$	18
$\times 6$				$\times 9$		$\times 2$		
54	-4	50	$\div 10$	5		18	$+24$	42

10	$\times 6$	60	-44	16	$\div 2$	8	$\times 8$	64
								-46
21	$\div 3$	7	$\times 3$	21	$+28$	49		18
-4								$\div 2$
25	$\times 5$	5	$\div 2$	10	-71	81	$\times 9$	9

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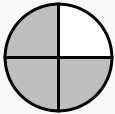
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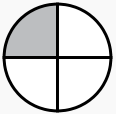
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NUMTANGA

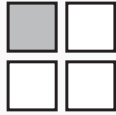
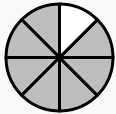
In each empty box, write the matching value between adjacent cards.

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

$\frac{4}{5}$

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



$\frac{1}{4}$

$\frac{1}{3}$	
	five sixths


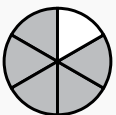
$\frac{7}{8}$

$\frac{3}{8}$



$\frac{1}{3}$

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

$\frac{1}{5}$

$\frac{3}{8}$	
	two thirds


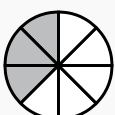
$\frac{2}{3}$

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


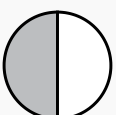
$\frac{1}{6}$

$\frac{5}{6}$


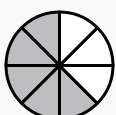
$\frac{1}{8}$

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

$\frac{3}{4}$

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

$\frac{5}{8}$

$\frac{1}{8}$	
	seven eighths

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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.

15	16	18	9	25	10	5	20	21
21	+	11	21	+	17	15	+	18
4	23	13	14	2	5	11	8	22
13	18	19				8	21	2
11	+	25				24	+	25
23	8	22				6	12	7
5	20	9	22	12	18	19	20	17
24	+	18	5	+	3	22	+	11
13	10	17	24	23	16	21	12	6

Final Puzzle

15	14	20
19	+	8
18	23	17

Final Answer

23

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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

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