

WELCOME BACK

# TANGY TUESDAY PUZZLE PACK!

*Fun brain puzzles that make you smarter!*

GRADE  
5+

PACK 1  
tangmath.com

WEEK  
1



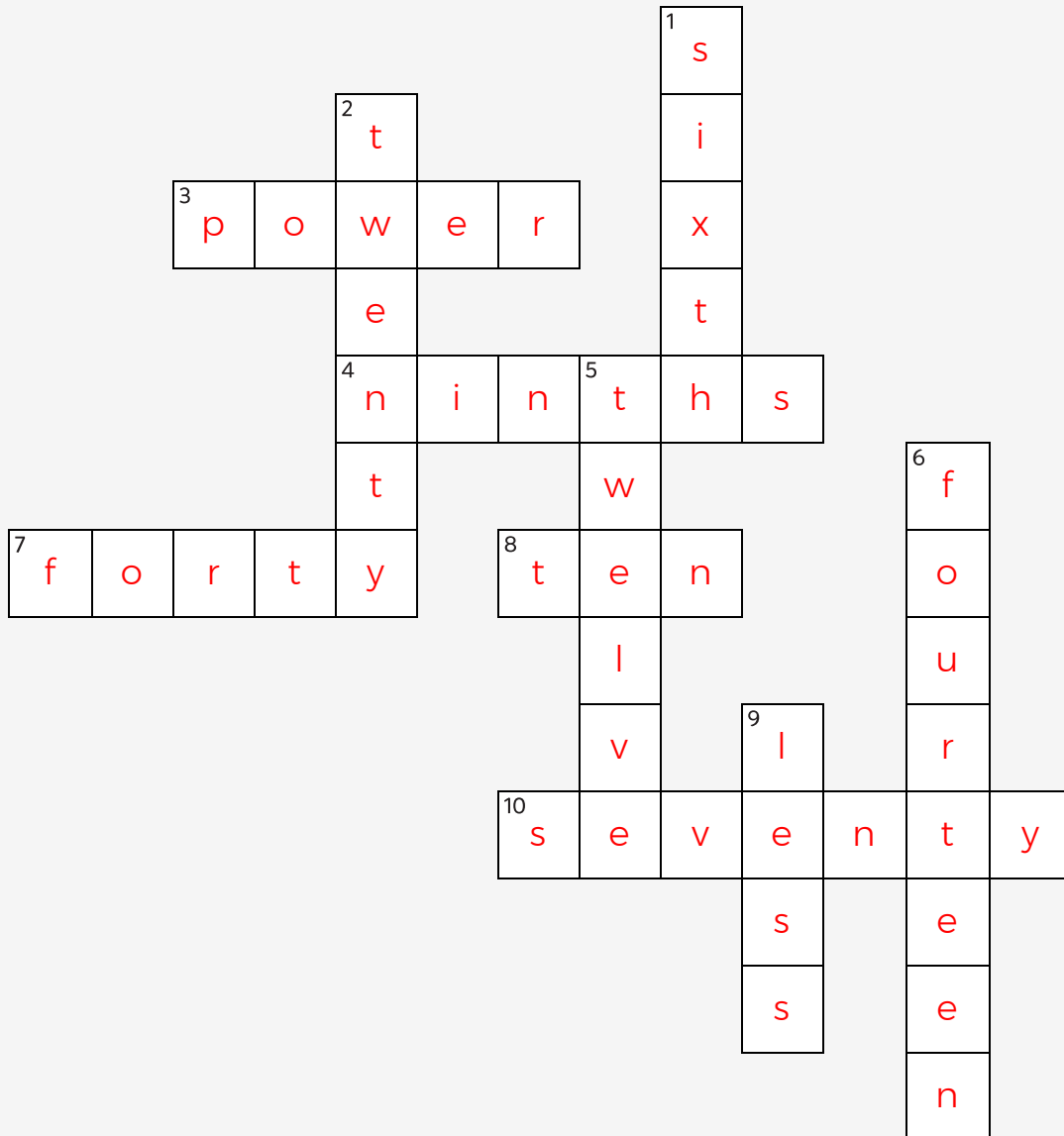
# DIGICROSS

TANGY TUESDAY PUZZLE PACK  
5.1.1

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

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



power    ninths    forty    sixth    less    fourteen    seventy    twelve    twenty    ten

## ACROSS

- 100 = 10 to the 2nd \_\_\_\_
- $\frac{1}{3} + \frac{1}{9} = 4$  \_\_\_\_
- .14 + .26 = \_\_\_\_ hundredths
- 1 is  $\frac{1}{10}$  of \_\_\_\_
- 7.0 = \_\_\_\_ tenths

## DOWN

- $\frac{1}{3} \div 2 =$  one \_\_\_\_
- $\frac{2}{3}$  of 30
- $216 \div 18 =$  \_\_\_\_
- $5 + 3 \times 5 - 6$
- $\frac{7}{8} \times 16$  is \_\_\_\_ than 16

# SNAKE

TANGY TUESDAY PUZZLE PACK  
5.11

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

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

9	$\times 10$	90	$-86$	4	$\div 2$	2	$\times 5$	10
---	-------------	----	-------	---	----------	---	------------	----

								$-4$
--	--	--	--	--	--	--	--	------

28	$\div 4$	7	$\times 10$	70	$-38$	32		
----	----------	---	-------------	----	-------	----	--	--

$-42$								$\div 2$
-------	--	--	--	--	--	--	--	----------

70	$\times 10$	7	$\div 3$	21	$+12$	9	$\times 3$	3
----	-------------	---	----------	----	-------	---	------------	---

8	$\times 9$	72		
---	------------	----	--	--

		$-60$		
--	--	-------	--	--

6	$\div 2$	12		
---	----------	----	--	--

$\times 6$				
------------	--	--	--	--

36	$-12$	24	$\div 3$	8
----	-------	----	----------	---

16	$\div 2$	8	$\times 5$	40		
----	----------	---	------------	----	--	--

$-32$					$+5$
-------	--	--	--	--	------

48				
----	--	--	--	--

$\times 6$				
------------	--	--	--	--

36	$-12$	24	$\div 3$	8
----	-------	----	----------	---

9	$\div 5$	45		
---	----------	----	--	--

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

45	$-5$	40		
----	------	----	--	--



# NUMTANGA

TANGY TUESDAY PUZZLE PACK  
5.1.1

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



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

$\frac{1}{6}$	
	<b>one half</b>

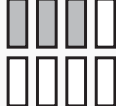
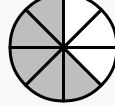
$\frac{1}{5}$

$\frac{1}{6}$


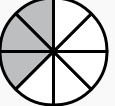
$\frac{1}{4}$	
	<b>one fifth</b>

$\frac{1}{8}$

$\frac{1}{4}$


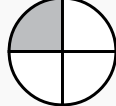
$\frac{1}{8}$	
	<b>seven eighths</b>

$\frac{5}{8}$

$\frac{3}{4}$	
	<b>one third</b>


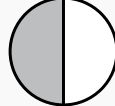
$\frac{3}{8}$

$\frac{1}{3}$



$\frac{4}{5}$	
	<b>three eighths</b>

$\frac{1}{2}$


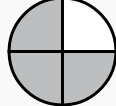
$\frac{4}{5}$

$\frac{5}{8}$	
	<b>three fourths</b>



$\frac{5}{6}$

$\frac{1}{2}$	
	<b>one eighth</b>

$\frac{2}{3}$

$\frac{7}{8}$	
	<b>four fifths</b>

$\frac{7}{8}$

$\frac{1}{3}$	
	<b>five sixths</b>

# KAKOOMA

TANGY TUESDAY PUZZLE PACK  
5.11

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

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Puzzled? In each 8-number square, find the number that is the sum of 2 other numbers.  
Use all 8 sums to create 1 final addition puzzle and solve.

24	13	5	23	22	8	14	15	20
1		10	19		6	13		25
2	6	21	20	18	10	19	17	7
16	15	11	X			2	14	22
21		12				23		8
24	6	2				13	17	18
20	19	21	10	5	25	13	12	21
24		7	17		14	7		17
8	18	4	1	16	23	1	23	3

6	18	20
21	+	22
24	17	13



Final  
answer:

24

# EQUATO

TANGY TUESDAY PUZZLE PACK  
5.1.1

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

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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

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