

WELCOME BACK

TANGY TUESDAY PUZZLE PACK!

Fun brain puzzles that make you smarter!

GRADE
5+

PACK 2
tangmath.com

WEEK
1



WORD SEARCH

TANGY TUESDAY PUZZLE PACK
5.1.1

Name: _____

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Spell your answers, then search for them below.
Hidden words are spelled left to right and top to bottom.

second hundred twenty thirty fourths fifteen eighth less five

100 = 10 to the ___ power	<u>s</u>	<u>e</u>	<u>c</u>	<u>o</u>	<u>n</u>	<u>d</u>	
10 is $1/10$ of one ___	<u>h</u>	<u>u</u>	<u>n</u>	<u>d</u>	<u>r</u>	<u>e</u>	<u>d</u>
2.0 = ___ tenths	<u>t</u>	<u>w</u>	<u>e</u>	<u>n</u>	<u>t</u>	<u>y</u>	
$384 \div 12 =$ ___ -two	<u>t</u>	<u>h</u>	<u>i</u>	<u>r</u>	<u>t</u>	<u>y</u>	
$1/2 + 1/4 = 3$ ___	<u>f</u>	<u>o</u>	<u>u</u>	<u>r</u>	<u>t</u>	<u>h</u>	<u>s</u>
$1/3$ of 45	<u>f</u>	<u>i</u>	<u>f</u>	<u>t</u>	<u>e</u>	<u>e</u>	<u>n</u>
$1/4 \div 2 =$ one ___	<u>e</u>	<u>i</u>	<u>g</u>	<u>h</u>	<u>t</u>	<u>h</u>	
$7/8 \times 16$ is ___ than 16	<u>l</u>	<u>e</u>	<u>s</u>	<u>s</u>			
15 feet = ___ yards	<u>f</u>	<u>i</u>	<u>v</u>	<u>e</u>			

t	w	e	n	t	y	s	h
h	f	i	f	t	e	e	n
i	o	g	l	l	f	c	g
r	u	h	b	e	l	o	w
t	r	t	j	s	h	n	d
y	t	h	p	s	f	d	a
j	h	u	n	d	r	e	d
m	s	f	i	v	e	y	f

MAZE

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5.11

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Find a path through the maze from top to bottom.
Draw a circle around the problem if the number is divisible by 4.

548	790	570	890	638
720	510	810	582	530
780	452	480	884	656
502	802	818	458	520
802	458	760	684	564
554	502	864	818	662
554	570	624	496	828
878	818	582	618	592
650	890	502	722	792
766	638	570	790	648

DIGIT DETECTIVE

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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!

Prime number

Days in 15 weeks

$\frac{4}{5}$ of 100

Multiple of 9

$192 \div 6$

What number am I?

81

144

198

17

23

31

32

105

80

40

NUMBER BUDDIES

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Match a number on the left and a number on the right to each clue in the middle.
It takes clever thinking to find the right Number Buddies for each clue!

9

Even

7

8

Difference = 2

16

14

Quotient = 2

11

5

> 9

10

SQUARE

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5.1.1

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Use your multiplication and division skills to fill in the missing numbers.
Be sure to work from top to bottom and left to right.

6	2	12
3	3	9
18	6	108

3	6	18
5	3	15
15	18	270

1	7	7
5	4	20
5	28	140

4	9	36
7	3	21
28	27	756