

Name: _____

TANGY TUESDAY™

PACK	LEVEL	WEEK
2	E	1

Step-by-step examples at tangmath.com/puzzles



TANGY TUESDAY

Pack 2

Word Search · Maze · Digit Detective · Number Buddies · Square

Name: _____

WORD SEARCH

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Spell your answers, then search for them below.

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 ÷ 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 ÷ 2 = one ____	<u>e</u> <u>i</u> <u>g</u> <u>h</u> <u>t</u> <u>h</u>
7/8 x 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>

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

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MAZE

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Find your way from the top to the bottom of the maze.
Circle the number if it is divisible by 4.

878	458	840 -----	742	554
592 -----	864 -----	716 -----	790	710
792 -----	726	638	686	494
564 -----	520 -----	656 -----	828 -----	842
810	470	694	760 -----	534

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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!

Multiple of 9

Prime number

Days in 15 weeks

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

$192 \div 6$

$150 + 10 \times 3$

What number am I?

480

~~81~~

~~105~~

~~80~~

~~135~~

~~198~~

~~17~~

~~32~~

~~180~~

~~37~~

~~144~~

~~31~~

~~23~~

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NUMBER BUDDIES

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PACK

LEVEL

WEEK

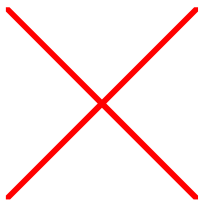
2

E

1

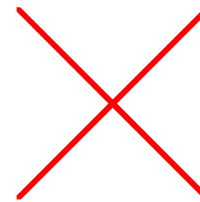
Draw lines to match each clue in the center
with exactly one number on the left and one number on the right.
It takes clever thinking to find the right Number Buddies for each clue!

9



Even

7

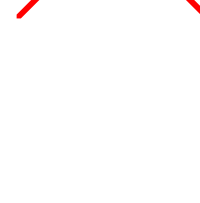


8

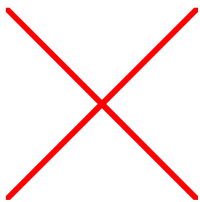


Difference = 2

16

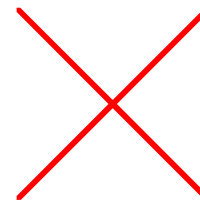


14

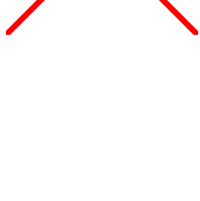


Quotient = 2

11

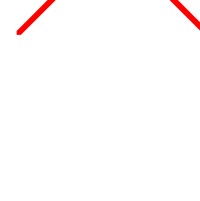


5



> 9

10



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SQUARE

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In each puzzle, fill the white squares with the numbers 5-10 (with no repeats), so the gray squares equal the product of each row and column.

6	8	48
7	5	35
10	9	90
420	360	

9	5	45
10	8	80
6	7	42
540	280	

6	5	30
7	8	56
9	10	90
378	400	

9	5	45
10	7	70
8	6	48
720	210	