



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

Ready for a challenge? See how long this takes.

My starting time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

My ending time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

Find the GCF using the Birthday Cake method.

3	126	198	5	220	240
2	42	66	2	44	48
3	21	33	2	22	24
	7	11			
GCF: $2 \times 3 \times 3 = 18$			GCF: _____		

5	45	25	4	192	80	2	44	24
GCF: _____			GCF: _____			GCF: _____		

80	76	51	45	80	48
GCF: _____		GCF: _____		GCF: _____	



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

Ready for a challenge? See how long this takes.

My starting time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

My ending time: \_\_\_\_\_ : \_\_\_\_\_ and \_\_\_\_\_ seconds.

Find the GCF using the Birthday Cake method.

3   30 15 36 10 5 12  GCF: <u>3</u>	4   48 28 20  GCF: _____
--	--------------------------------

2   28 44 48  GCF: _____	3   36 42 66  GCF: _____
--------------------------------	--------------------------------

204 216 180  GCF: _____	28 20 68  GCF: _____
-------------------------------	----------------------------



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

Jessica is making milkshakes. She needs  $1\frac{2}{3}$  cups of milk. Her measuring cup only measures  $\frac{1}{3}$  cup. How many times will she have to fill the cup to have  $1\frac{2}{3}$  cups of milk?

Eric ran in a race to raise money for the Madison River Clean-Up. He ran the first half of the race 2.5 minutes faster than the second half. He ran the second half in 22.3 minutes. What was Eric's total time?

How many squeaks are equal to 25 hisses?

$$25 \text{ hisses} = 15 \text{ gobbles}$$

$$3 \text{ gobbles} = 4 \text{ purrs}$$

$$40 \text{ purrs} = 20 \text{ squeaks}$$

Bob, the donut guy, is working on a new type of donut called the 1.2-ounce sugar mini donut. Each donut weighs precisely 1.2 ounces. About  $\frac{7}{20}$  of the donut consists of milk, yeast, flour, and eggs. The rest of the donut is sugar. Yum!

How many ounces of sugar is needed for each donut? Round your answer to the nearest tenth of an ounce.



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

<p>The state capitol building was completed in 1823. In 2026 the building was 2 century 0 decades 3 years old. How old, in years, was the building in 2026?</p>	<p>There are 30 students in Alex's class. Most of them like cheesecake, but <math>\frac{1}{5}</math> of them don't like it at all! How many students don't like cheesecake?</p>	<p>Connor picked 30 pretty flowers for his mother. Two-fifths of the flowers were blue. How many flowers were not blue?</p>
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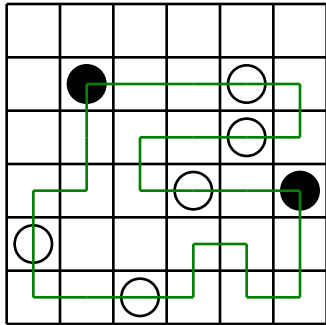
$24 \div 3 =$	$11 \text{ kg} = \text{_____ g}$
---------------	----------------------------------

$\begin{array}{r} 48 \\ - 29 \\ \hline \end{array}$	<p>Write 9,906,287 in words. _____</p> <p>Circle the correctly spelled word. voyage, woar, shalow</p>
---	---

$1 \text{ lb} = 16 \text{ oz}$ $11 \text{ lb} = \text{_____ oz}$	$12 \times 6 =$	$18 \div 6 =$
---	-----------------	---------------

<p>Sarah has two favorite numbers. If you add her favorite numbers, you get 25. If you multiply her favorite numbers, you get 114. What are her mystery numbers?  _____</p>	$\begin{array}{r} 26 \\ + 29 \\ \hline \end{array}$	$\begin{array}{r} 266 \\ + 375 \\ \hline \end{array}$
---	---	---

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

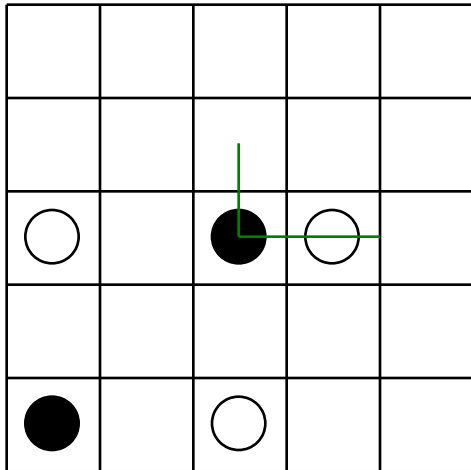


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

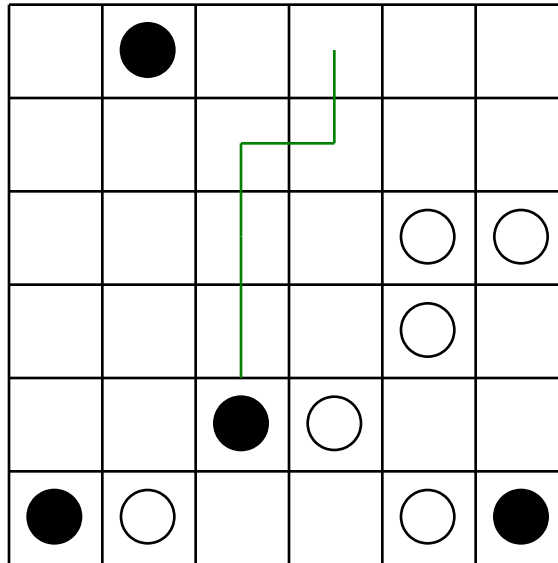
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



Can 378 be evenly divided by 3? Circle:

378 is evenly divisible by 3

378 is NOT evenly divisible by 3

How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.

How many feet are in 5 yards?

\_\_\_\_\_ feet

$$\begin{array}{r} 552 \\ - 369 \\ \hline \end{array}$$

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

$5 \times 11 =$	Four kids and two adults are going to the circus. Kids' tickets are on sale for only half the price of adult tickets. The total cost is \$56. How much is one adult ticket?
-----------------	---

In the number 82,057,546,186, the digit 1 is in what place? _____	Can 420 be evenly divided by 7? Circle: 420 is NOT evenly divisible by 7 420 is evenly divisible by 7
Circle the correctly spelled words. begger chase, continue crane, krawl, crewe manaje, battle, aroze	

The circus is in town! Tickets are \$3 for kids. Adults need to pay double the price of kids' tickets. Ava is bringing five of her friends in her class. Her mom is also coming. Ava wants to pay for everyone. How much will she need to pay?	$(4 + 7) + 5 =$
	What is the homophone of this word? tense _____

Write this as a number in standard form. Use a comma in your number.  nine hundred sixty-six thousand, fifty-two _____	$36 \div 4 =$
---	---------------

What is the homophone of this word? bale _____	Circle the relative adverb. Tell me why you think the quiz was so hard.
--	--

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

9 • 3 • 5 • 9 • = • 8 • 1 • 6 • 2 • 7 • ÷ • 9 • = • 3 • = • 1  
9 • 2 • = • 8

Use the pieces above to help you fill in the runaway math puzzle.

The puzzle grid contains the following math problems:

- Row 2: 1 x = 3
- Row 3: 8 5
- Row 4: 8 x 7 = 6
- Row 5: 4 x 2 = 0
- Row 6: = 5
- Row 7: 7
- Row 8: 2 x 5 = 0
- Row 9: 5 ÷ 7
- Row 10: = 7
- Row 11: 3 x 9 = 7
- Row 12: 0 3
- Row 13: 6 x = 4 8
- Row 14: = 6
- Row 15: 4

### What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

**Make a Word**      **Sum**

1 2 4 8 12

K N O T

7

1 2 4

G U

A B C D E F ~~G~~ H I J ~~K~~ L M  
~~N~~ ~~O~~ P Q R S ~~T~~ ~~U~~ V W X Y Z

**Make a Word**      **Sum**

1 2

H E

1 2 4 6 8

I

A B C D ~~E~~ F G ~~H~~ ~~I~~ J K L M  
N O P Q R S T U V W X Y Z

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

$$15 \overline{) 685}$$

$$36 \overline{) 111}$$

$$4 \overline{) 280}$$

$$48 \overline{) 484}$$

$$16 \overline{) 99}$$

$$30 \overline{) 360}$$

$$30 \overline{) 1650}$$

$$8 \overline{) 400}$$

$$10 \div \frac{1}{6}$$

90, 95, 100, 105, \_\_\_\_\_,  
115, 120, 125, 130, 135

$$9 + (9 \times 2) - 5$$

How many minutes is it  
from 7:00 a.m. to 10:30 a.m.?

How much time is it from  
6:00 a.m. to 10:50 a.m.?

A rectangle is 46 cm on  
one side and 7 cm on  
another side. What is the  
perimeter?

Draw a number line  
with 0,  $\frac{1}{2}$ , and 1. Show  
where  $\frac{10}{12}$  would go. Is  
 $\frac{10}{12}$  closer to 0,  $\frac{1}{2}$ , or 1?

Circle the three numbers  
whose product  
equals 2,808.

12    8    4  
23    23    23  
18    14    13

Circle the three numbers  
whose product  
equals 240.

6    4    8  
7    10    3

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

$$\begin{array}{r} 0.85 \\ - 0.15 \\ \hline \end{array}$$

$$\begin{array}{r} 0.9 \\ + 0.65 \\ \hline \end{array}$$

$$\begin{array}{r} 0.49 \\ + 0.68 \\ \hline \end{array}$$

$$\begin{array}{r} 0.26 \\ - 0.16 \\ \hline \end{array}$$

$$\begin{array}{r} 0.95 \\ - 0.92 \\ \hline \end{array}$$

$$\begin{array}{r} 0.46 \\ + 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 14.57 \\ - 14.07 \\ \hline \end{array}$$

$$\begin{array}{r} 10.9 \\ + 10.97 \\ \hline \end{array}$$

$$\begin{array}{r} 12.81 \\ + 12.46 \\ \hline \end{array}$$

$$\begin{array}{r} 15.55 \\ - 15.44 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 11.35 \\ \hline \end{array}$$

$$\begin{array}{r} 8.76 \\ + 8.34 \\ \hline \end{array}$$

$$\begin{array}{r} 17.96 \\ - 14.2 \\ \hline \end{array}$$

$$\begin{array}{r} 26.65 \\ + 31.29 \\ \hline \end{array}$$

$$\begin{array}{r} 6.2 \\ + 8.52 \\ \hline \end{array}$$

$$\begin{array}{r} 34.94 \\ - 28.41 \\ \hline \end{array}$$

$$\begin{array}{r} 12.35 \\ + 12.5 \\ \hline \end{array}$$

$$\begin{array}{r} 30.64 \\ - 22.85 \\ \hline \end{array}$$

Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

90 divided by 10 equals

How many meters are there in 47 kilometers?

The perimeter of a rectangle is 26 cm. The longer side is 9 cm. How long is the shorter side?

How many centimeters in 9.8 meters?

8, 10, 12, 14, 16, \_\_\_\_\_, 20,  
22, 24, 26

Estimate quickly the difference.  
5,250 - 2,870

(1,024), (512), \_\_\_\_\_,  
(128), (64), (32), (16),  
(8), (4)

18, 36, 54, 72, \_\_\_\_\_, 108,  
126

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

$$\begin{array}{r} 79 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 20 \\ \hline \end{array}$$

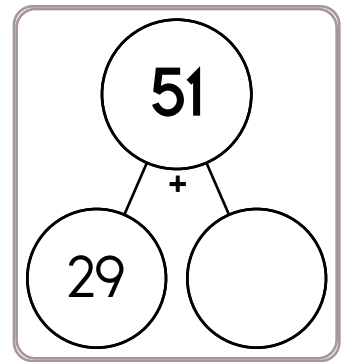
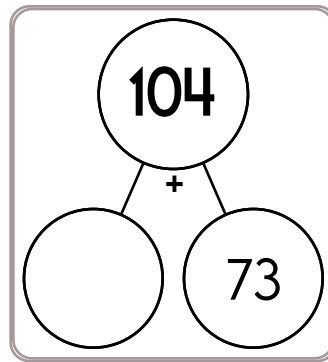
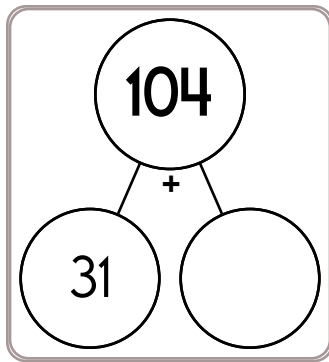
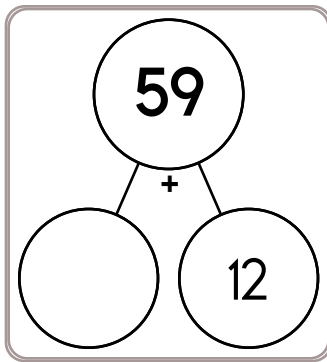
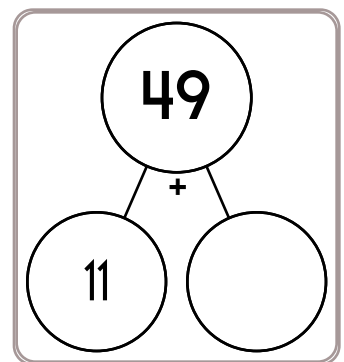
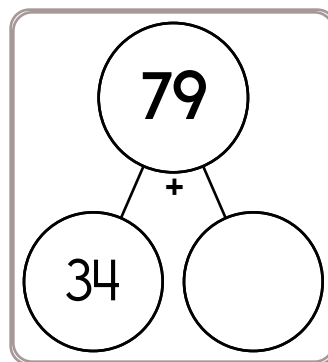
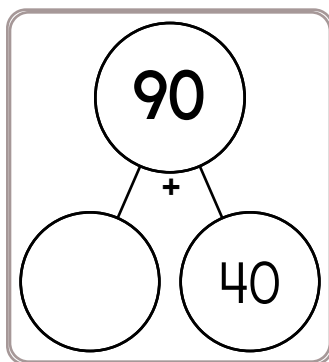
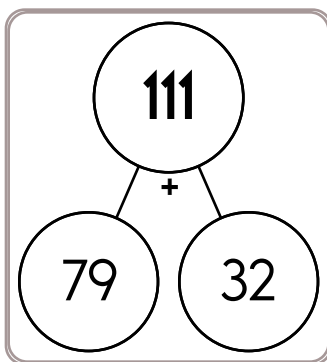
$$\begin{array}{r} 77 \\ - 73 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 42 \\ \hline \end{array}$$



$30 \div 6 =$

$121 \div 11 =$

$12 \div 4 =$

$88 \div 11 =$

$20 \div 10 =$

$36 \div 12 =$

$24 \div 2 =$

$77 \div 11 =$

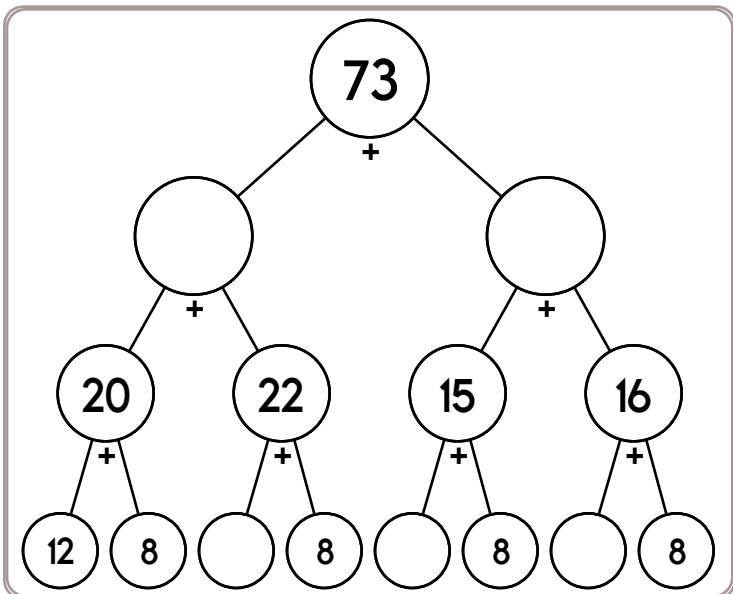
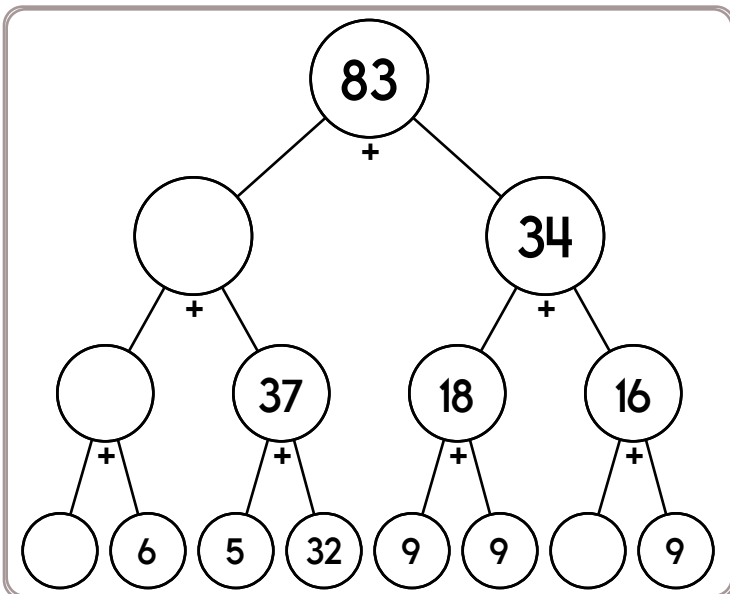
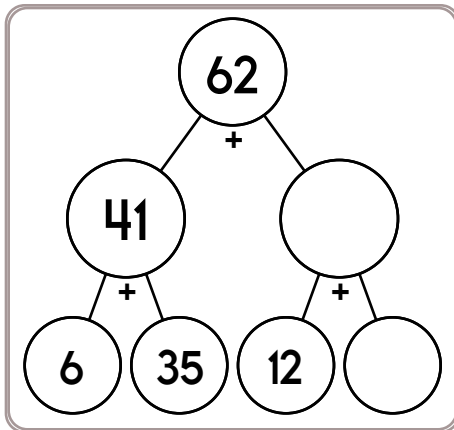
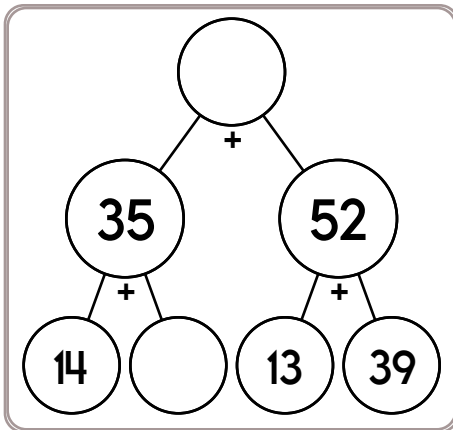
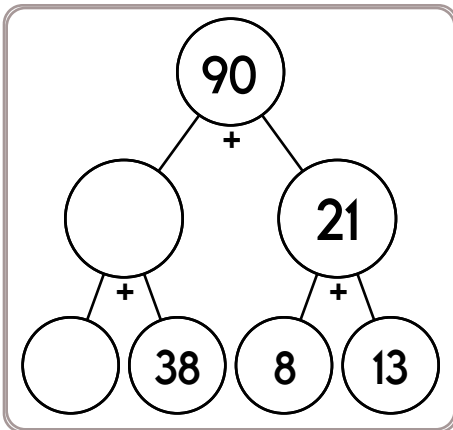
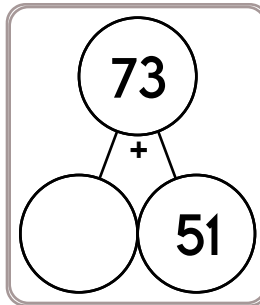
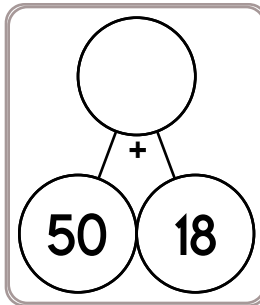
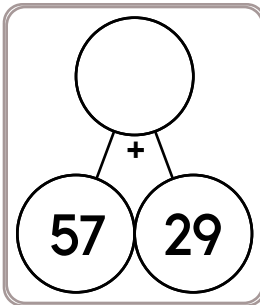
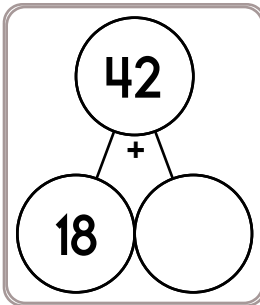
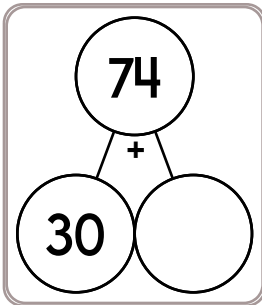
$35 \div 5 =$

$72 \div 9 =$

$22 \div 11 =$

$40 \div 4 =$

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



Reduce  $\frac{18}{36}$  to its lowest terms.





















$$\begin{array}{r} 3\frac{2}{3} \\ + 5\frac{1}{2} \\ \hline \end{array}$$

Find the least common denominator.

$$\frac{3}{5} \text{ and } \frac{3}{6}$$

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


Puzzle:


			14		54
			14		53
					54
14	14				52
			14		57
55	58	42	62	53	+


Work Area:


			14		54
			14		53
					54
14	14				52
			14		57
55	58	42	62	53	+


The sum for each column and row is given.

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

 = \_\_\_\_\_

What is 50% of 148?

$4 + 4 + 9$

What 6 coins add up to 71 cents?

Know how many inches in a foot? Okay, smarty pants, how many inches in 4 feet?

$3\frac{4}{5} + 5\frac{4}{5}$

How many centimeters in 630.5 meters?

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

dragonfly • funeral • iron • prejudice • information • widest • shoot  
i'll • friday • variety • hoping • fluid • drawing • quicker • signal

word has the sound of i like in island	word has the sound of i like in finger	does not fit
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Use >, <, or = to complete.

$$0.23 \underline{\quad} 0.3$$

$$8.1 \underline{\quad} 8.4$$

$$10.6 \underline{\quad} 9.7$$

$$4.67 \underline{\quad} 4.85$$

$$8.2 \underline{\quad} 7.7$$

$$7.9 \underline{\quad} 7.5$$

$$3.27 \underline{\quad} 3.09$$

Write the decimal in words.

0.016

Write as a decimal.

$$17 \frac{38}{1000}$$

Round the decimal 0.455 to  
the nearest hundredth.

How many meters are  
there in 73 kilometers?

What is the area of a  
rectangle with sides 5 cm  
and 8 cm?

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

## SI Words

first row: drastic • Metric • hectic • A • day • gigantic • Isaac

second row: on • grow • low • Venus • toothbrush

third row: mai • is • longer

fourth row: ooze • dranked • than

fifth row: its • year

Cross off any word misspelled. There are 2 words.

Cross off any word that ends in C in the first row.

If a word has exactly two H's, then cross it off.

Cross off any word that ends in W.

Cross off all words with four letters that have more vowels than consonants.

Skip any word with the letter Y in it. Only look in the fourth row.

Circle the words that are left. That is the answer.

Write the answer:

\_\_\_\_\_ on \_\_\_\_\_

$$3 \times 7 =$$

Ava wants to call Anne.  
Anne is on vacation in Asia.  
It is a time difference of  
eleven hours. Anne's time is  
always later than Ava's time.  
If it is 11:55 A.M. where Ava  
lives, then what time is it  
where Anne is?

Write the missing family fact.

$$76 - 64 = 12$$

$$12 + 64 = 76$$

$$76 - 12 = 64$$

\_\_\_\_\_

Add the correct end punctuation for  
this sentence.

May I have a piece of your gum

word root **aqua** can mean **water**

**aquamarine, aquatic**

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

SI Words

TI makes /tii/ sound

M T I N Y T U R P E N T I N E N T  
A E I S E S I T R E V D A I R S T  
G F L R A E U C A L Y P T I A O U  
N P I I G N I N E T H G I T P M R  
E E M I T Y A D S U N T I E P E N  
T I G H T S E I T S T I L E E T S  
I I A H Y P N O T I Z E E H T I T  
Z E L T I T T T I R I N G T I M I  
E R N M B A P T I Z E D T G T E L  
D E D G N I Z I T A M A R D E R E

TIRING • TIGHT • DRAMATIZING  
BAPTIZED • STILE • APPETITE  
TURPENTINE • TIES • UNTIE  
EUCALYPTI • TILE • SOMETIME  
HYPNOTIZE • TURNSTILE • TITLE  
DAYTIME • TINY • MAGNETIZED  
TIGHTENING • ADVERTISES

TI makes /tih/ sound

B O L T I N G R E V O L T I N G S  
M C N I A U T O M A T I C E N P I  
F O A M O U N T I N G S T I C K S  
D O L B L U N T I N G N P E T N T  
T I O T P R I M I T I V E E E U N A  
E T M T I W N R E F L E C T I N G  
N T T I I N T E V I T P A C T I I  
T O E C T N G E F F E C T I V E T  
P O E T I C G R U S T I C A N E I  
T I I E G N I T A R E N E G R N T

TIMID • PRIMITIVE • REVOLTING  
AUTOMATIC • CAPTIVE  
GENERATING • BOLTING  
REFLECTING • MOLTING • POETIC  
STICKS • AMOUNTING • FOOTING  
EFFECTIVE • BLUNTING • RUSTIC

Does the "TI" in each word have the tih or tii sound? Circle the sound that "TI" makes.

stile	tih <b>tii</b>	gentile	tih tii	turnstile	tih tii
anticipated	<b>tih</b> tii	printing	tih tii	time	tih tii
confiscating	tih tii	exerting	tih tii	authentic	tih tii
treating	tih tii	delighting	tih tii	sweating	tih tii
deflating	tih tii	demonstrative	tih tii	reflecting	tih tii
entire	tih tii	automatic	tih tii	prompting	tih tii
inflicting	tih tii	amounting	tih tii	lifetime	tih tii
attentive	tih tii	satisfies	tih tii	fanatic	tih tii
infiltrating	tih tii	static	tih tii	radiating	tih tii

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

## TI Words

### TI Words

clotting • sometimes • putting • tights • tiger • titles • necktie  
trotting • navigation • boycotting • contractions • gravitation  
perception • tightest • acquitting • stations • jetting • congregation

TI makes /shuh/ sound as in addition	TI makes /ih/ sound as in letting	TI makes /tii/ sound as in time	not sure
perception	boycotting	necktie	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Help! Some of the TI words from this page and the previous page are written as they sound. Can you figure out the real spelling of these words? Good luck.

trötihNG trotting \_\_\_\_\_

ihnfihrätihNG \_\_\_\_\_

tīm \_\_\_\_\_

ihgzurtihNG \_\_\_\_\_

tihmihd \_\_\_\_\_

uhkwihthihNG \_\_\_\_\_

ô kôz → cause

oo choo → chew

ā kāk → cake

ē fēt → feet

ī īs → ice

ō bōt → boat

ū kūt → cute

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

## TI Words

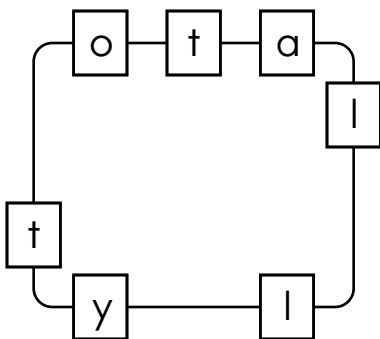
Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

C	C	O	C	O	I	P	S	N	O	R	E	S
U	O	U	A	R	M	R	T	B	U	T	P	T
R	M	T	R	F	P	O	O	C	H	J	U	R
R	M	S	P	R	O	C	O	R	O	O	S	E
E	I	H	E	E	R	L	L	Y	W	G	H	A
N	T	O	N	I	T	A	Q	U	I	E	T	M
C	M	U	T	G	A	I	N	O	C	O	A	X
I	E	L	E	H	N	M	S	E	E	T	O	Y
E	N	D	R	T	T	P	E	B	B	L	E	S
S	T	C	O	M	M	U	N	I	C	A	T	E

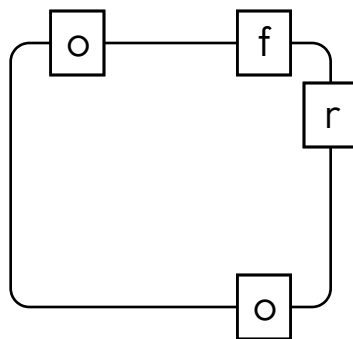
Write the words found.

COMMUNICATE	COMMITMENT	PEBBLES
_____	_____	_____
IMPORTANT	TOY	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

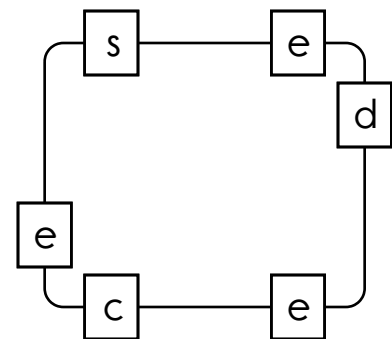
Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.



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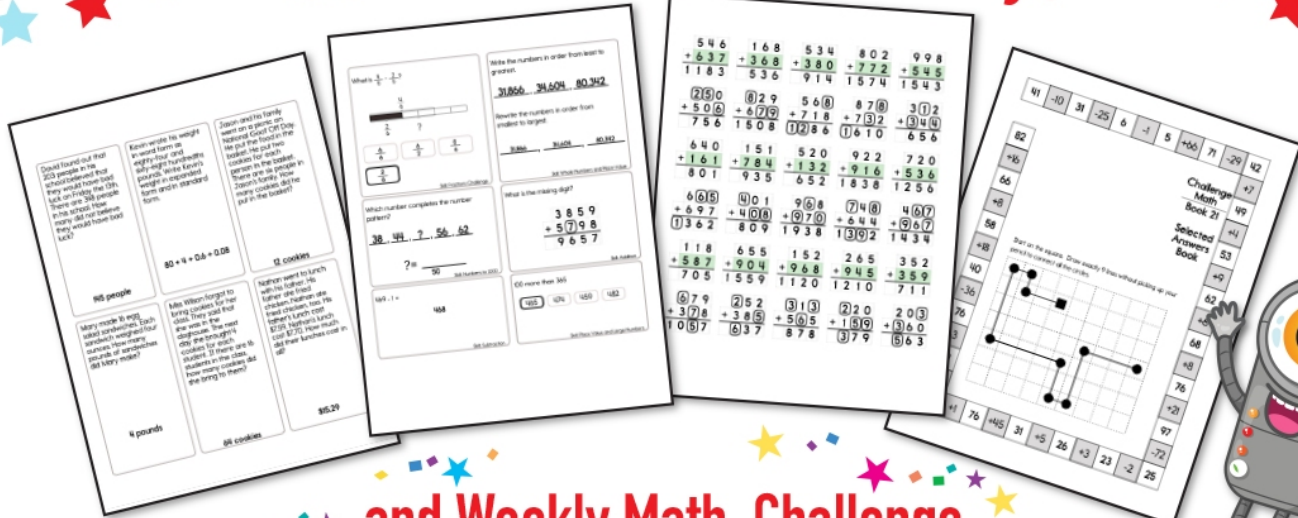


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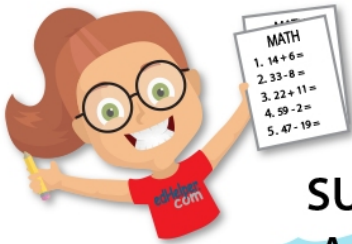


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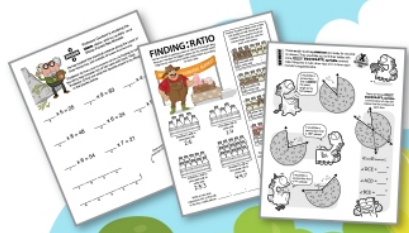
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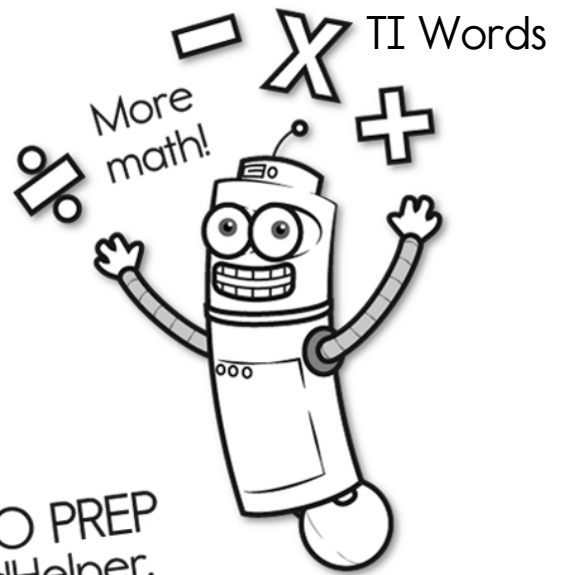
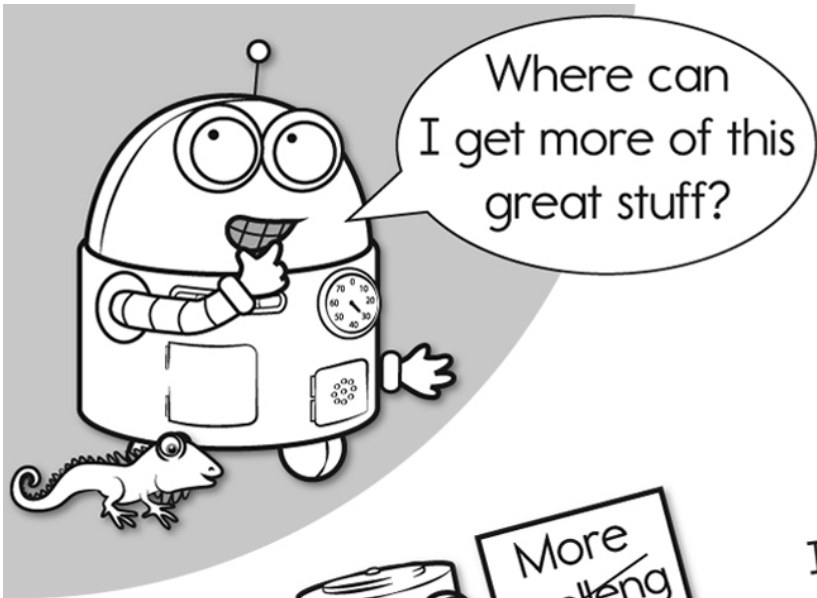


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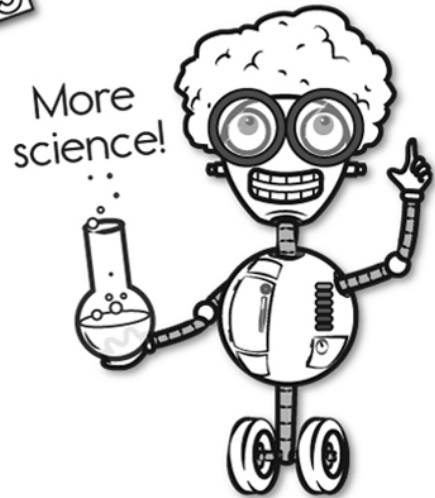
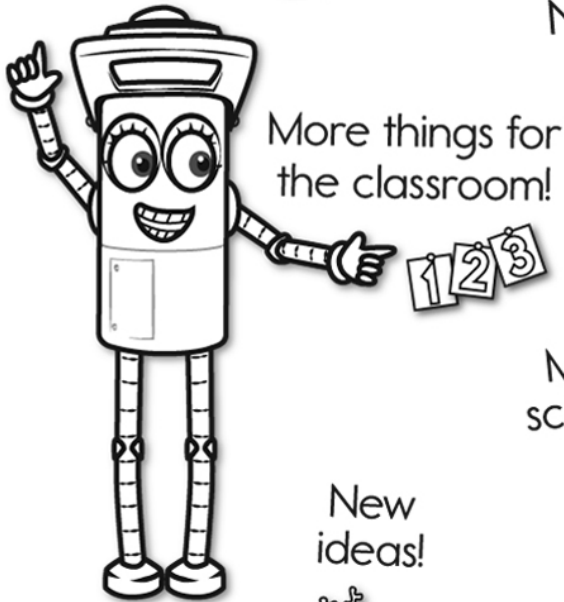


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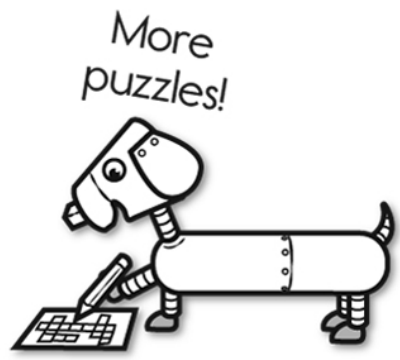


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