

Name: _____

A toy car can go 5 mph.
How long would it take to
go 17 miles?

What is 50% of 1,056?

$\frac{1}{32}, \frac{1}{16}, \frac{1}{8}, \frac{1}{4},$
_____, (1), (2), (4),
(8), (16)

How many minutes is it
from 6:00 a.m. to 10:20 a.m.?

It was 85 degrees outside.
What would the
temperature be if it got 20
degrees colder?

$$7 \div \frac{1}{2}$$

Circle the three numbers
whose product
equals 1,188.

4 9 11

4 12 5

A circle graph has five
sections. Only four
sections are labeled. The
labels are 17%, 23%, 8%, and
5%. What should the
missing section be?

$$766 \div 10$$

Simplify.

$$\frac{20}{35} =$$

$\$92 - p = \26
What is the value of p?

Use >, <, or = to complete.

$$38\% \text{ — } \frac{1}{11}$$

$$\frac{1}{7} \text{ — } 40\%$$

$$68\% \text{ — } \frac{1}{2}$$

$$0.4 \cdot 7 =$$

$t - 12 + 9 = 25$
What is the value of t?

$$|-6| + a = 9$$

$$a =$$

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

23	42	16
48	22	85
21	56	38

Find an
addition fact.

B

20	74	79
32	60	52
21	7	83

Find an
addition fact.

C

83	36	47
68	97	24
40	81	80

Find an
addition fact.

Equations:

Write the equation facts you found.

A	16	+	22	=	38
B		+		=	
C		+		=	

Fill in the missing letters. Write ee or au.

reind_____r

l_____ndry

b_____t

c_____tious

proc_____d

r_____cous

be_____tician

ch_____rful

Fill in the missing double consonants or double vowels.

na_____rr_____ate

stro_____

exce_____ent

sh_____n

tu_____el

disa_____ear

Name: _____

When it is 2 o'clock, what type of angle is the smallest angle formed by the minute and hour hands?

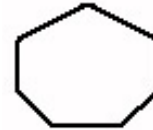
- A) Acute angle
- B) Right angle
- C) Obtuse angle

A diagram includes seven decagons, six circles, four octagons, eleven squares, and eleven lines. How many polygons are in the diagram?

- A) 26
- B) 4
- C) 17
- D) 22

eighty-nine hundredths =

- A) 0.89
- B) 0.00890
- C) 0.089
- D) 8.9



Name the polygon.

- A) Pentagon
- B) Hexagon
- C) Quadrilateral
- D) Heptagon

Which of the following has the greatest value?

- A) 0.91
- B) 0.19
- C) A and B are equal.

What number is missing from the following sequence?

128, 117, 106, 95, 84, ____, 62, 51

- A) 77
- B) 72
- C) 73
- D) A and B are equal.

Name: _____

Justin went to the store to buy some of the ingredients for Indian pudding for his mother. He bought cornmeal (\$1.70), cinnamon (\$3.09), milk (\$2.94), and eggs (\$1.53). The clerk added up the total and Justin gave him a twenty-dollar bill. How much change did Justin get?	Mr. Brown bought some paint to make birdhouses. He put the paint in smaller cans so each student in his class could have a can. Each can holds $1\frac{1}{3}$ pints of paint. He filled $14\frac{1}{2}$ small cans with the paint he bought. How many pints of paint did he buy?	Anna arranged 12 packages of Jell-O into a "T" shape 6 boxes high and 6 boxes wide. Each box measures 4 inches by $2\frac{1}{2}$ inches. What is the total surface area of the "T" shape?
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Write the missing family fact. $280 \div 10 = 28$ $10 \times 28 = 280$ $28 \times 10 = 280$ _____	How many dimes make \$2.30?
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$42 \div 7 =$ _____	$1 \text{ km} = 1,000 \text{ m}$ $28 \text{ km} =$ _____ m	Emily rolls two dice. What is the chance of her rolling a 4 on one die and a 3 on the other die? _____
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$898 + 719 =$ _____	In the number 917,883,349,181, the digit 4 is in what place? _____
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Name: _____

You can buy 3 cards for \$12 at the store. At this rate, what would be the cost of fifteen cards?	$\begin{array}{r} 38 \\ + 43 \\ \hline \end{array}$	$\begin{array}{r} 425 \\ + 465 \\ \hline \end{array}$	$11 \times 10 = \underline{\hspace{2cm}}$

$2 \times 12 = \underline{\hspace{2cm}}$	$42 \div 7 = \underline{\hspace{2cm}}$	$21 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$
--	--	---

What time is 16 hours after 1:00 p.m. <u> </u>	$72 \div 8 = \underline{\hspace{2cm}}$	$\begin{array}{r} 699 \\ - 111 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ - 44 \\ \hline \end{array}$

$8,139 - 1,814 = \underline{\hspace{2cm}}$	You are given four cards. One card has the number 1 on it, another card has a 2, another card has a 3, and the last card has the number 4 on it. Use two cards to make a fraction. What is the largest fraction that you can make?
$566 - 261 = \underline{\hspace{2cm}}$	
$108 \div 9 = \underline{\hspace{2cm}}$	

$12 \times 5 = \underline{\hspace{2cm}}$	You cannot decide what pizza store to go to. Rose's pizza cuts their pizza into 7 slices. Each slice costs \$5 each. Amy's pizza cuts their pizza into 8 slices. Each slice costs \$2 each. If you like each pizza the same, which pizza store has the better buy?	$30 \div 5 = \underline{\hspace{2cm}}$
$11 \times 6 = \underline{\hspace{2cm}}$		

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

P	R		V				S	M	
R	S		M	M		N			
	C		M		N	G	M	N	Y
			G	R		P	P		
	W	M			S	S	T	T	
R				M		O	Y		L
S	R	Y	R		F	L	T	N	D
H	D		D	T		E			
		R			L	M	N		
D	R		P		L	N	D	S	

EMPTY • SUMMON • PREVIOUS
USEFUL • AWARD • TEND • YIELD
SOLEMN • OAR • REMOTE
COMING • SHED • REPEL
MONOTONOUS • MAYOR • GUARD

$$(3 + 5) + 2 =$$

$$45 \div 9 =$$

$$7 \times 9 =$$

$$10 \times 8 =$$

How many grams are in 4 kilograms?

_____ grams

$$91,735 - 85,914 =$$

Wendy is going to roll two dice.
What is the chance that her total
will be either 6 or higher on her
first roll?

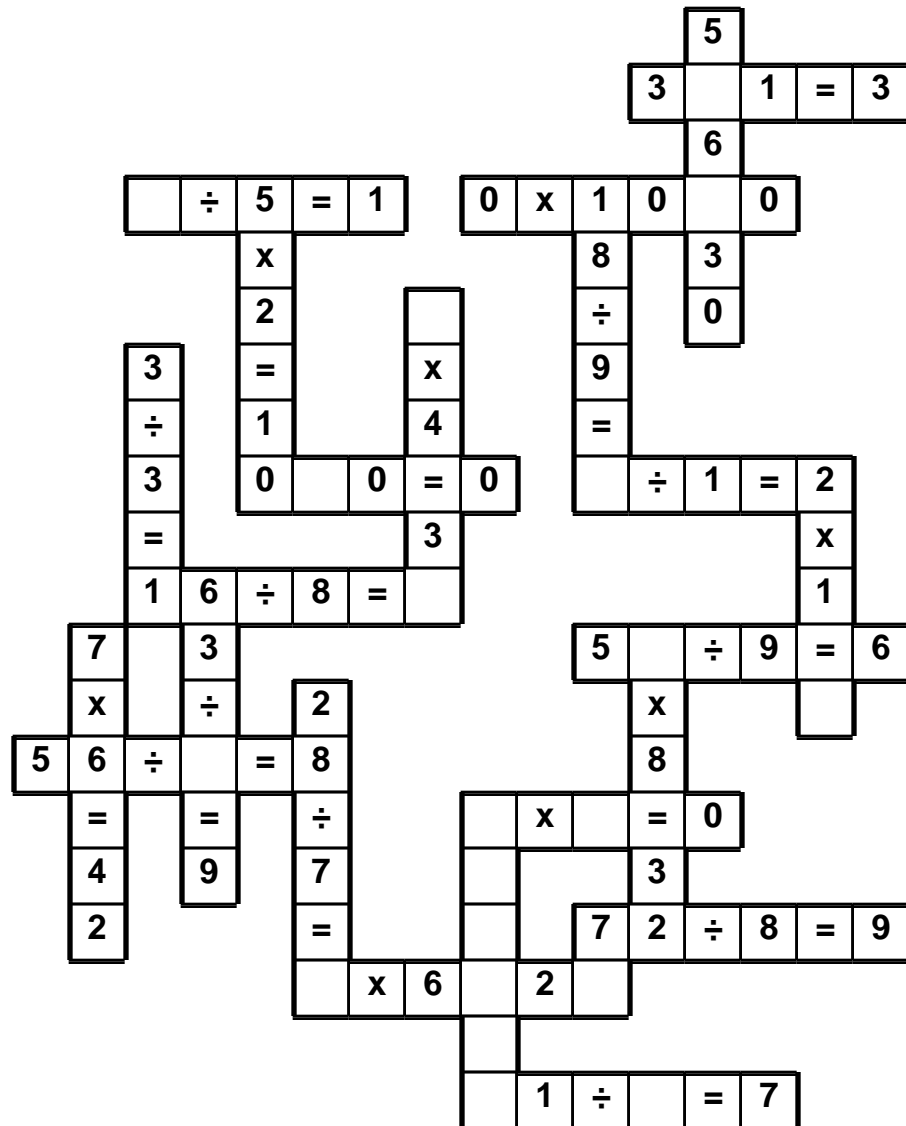
$$10 \times 6 =$$

$$6 \times 8 =$$

Name: _____

$x \cdot 5 \cdot = \cdot 8 \cdot x \cdot 2 \cdot 2 \cdot 4 \cdot 2 \cdot 7 \cdot 4 \cdot 0 \cdot x \cdot 3 \cdot 4 \cdot =$
 $4 \cdot 1 \cdot 2 \cdot 3$

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



Which is the better buy?
Seven bags of candy for \$49
or four bags of candy for \$8?

$$66 \div 11 = \underline{\hspace{2cm}}$$

$$70 \div 10 = \underline{\hspace{2cm}}$$

$$8 \div 4 = \underline{\hspace{2cm}}$$

Name: _____

Amber, Abigail, Victoria, and Grace competed in the women's singles figure skating competition.

Each person has been assigned a technical and presentation ordinal mark. A mark of 1.0 indicated that the person was placed in first place. To determine the winner, the two marks from each judge are added together and assigned an ordinal. In case of a tie, the technical mark has more weight. If there is still a tie, we will allow both people to share the same rank. (Please note that these calculations are simplified from the actual Olympics.)

For the technical ordinal score, the judges give the best performance an ordinal of one. The next best performance receives an ordinal of two, and so on. The presentation ordinal score is assigned in the same way. So for four people, a person could have a presentation ordinal score ranging from 1 to 4.

(When ordinals are compared, a higher ordinal score actually means a lower number. For example an ordinal of 1 is better, and considered higher than an ordinal of 3.)

Figure out the scores for each skater and their final rankings.

1. Amber's technical ordinal is equal to her presentation ordinal.
2. Abigail's technical ordinal score was lower than Grace's and higher than Amber's.
3. One skater received a 2 presentation ordinal and a 3 technical ordinal.
4. One skater received a 4 technical ordinal and a 4 presentation ordinal.
5. Victoria's technical ordinal is equal to her presentation ordinal.
6. Grace's technical ordinal score was higher than Amber's and higher than Abigail's.
7. Grace did not have a presentation ordinal mark of 1.
8. Victoria had the best technical ordinal score.

Amber received a score of _____. Amber came in _____ place.

Abigail received a score of _____. Abigail came in _____ place.

Victoria received a score of _____. Victoria came in _____ place.

Grace received a score of _____. Grace came in _____ place.

Name: _____



$27 \div 9 =$

$10 \div 5 =$

$48 \div 8 =$

$15 \div 5 =$

$24 \div 6 =$

$20 \div 5 =$

$12 \div 6 =$

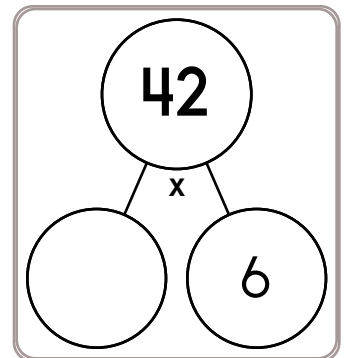
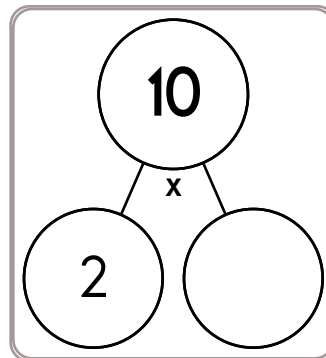
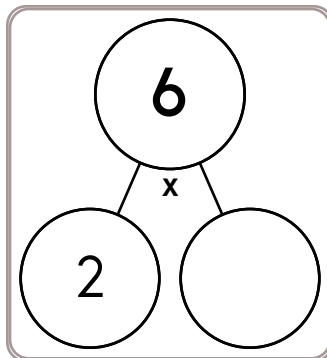
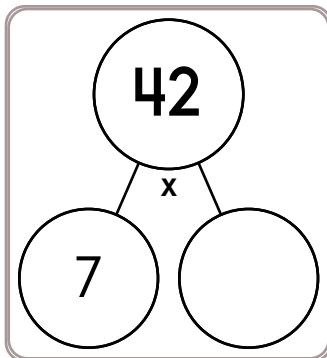
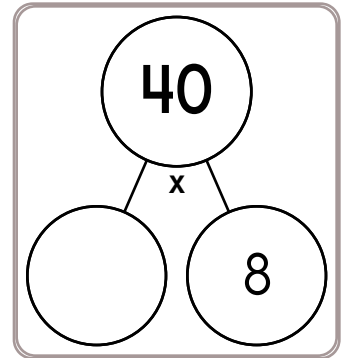
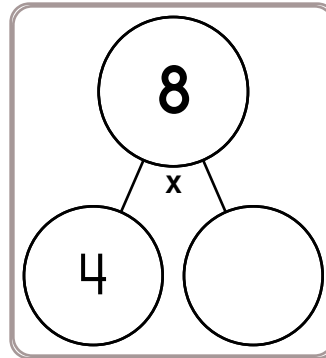
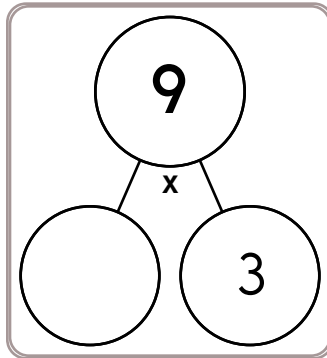
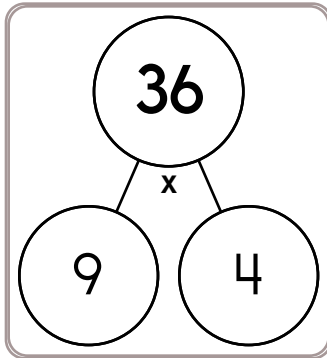
$4 \div 2 =$

$40 \div 5 =$

$24 \div 8 =$

$64 \div 8 =$

$42 \div 7 =$



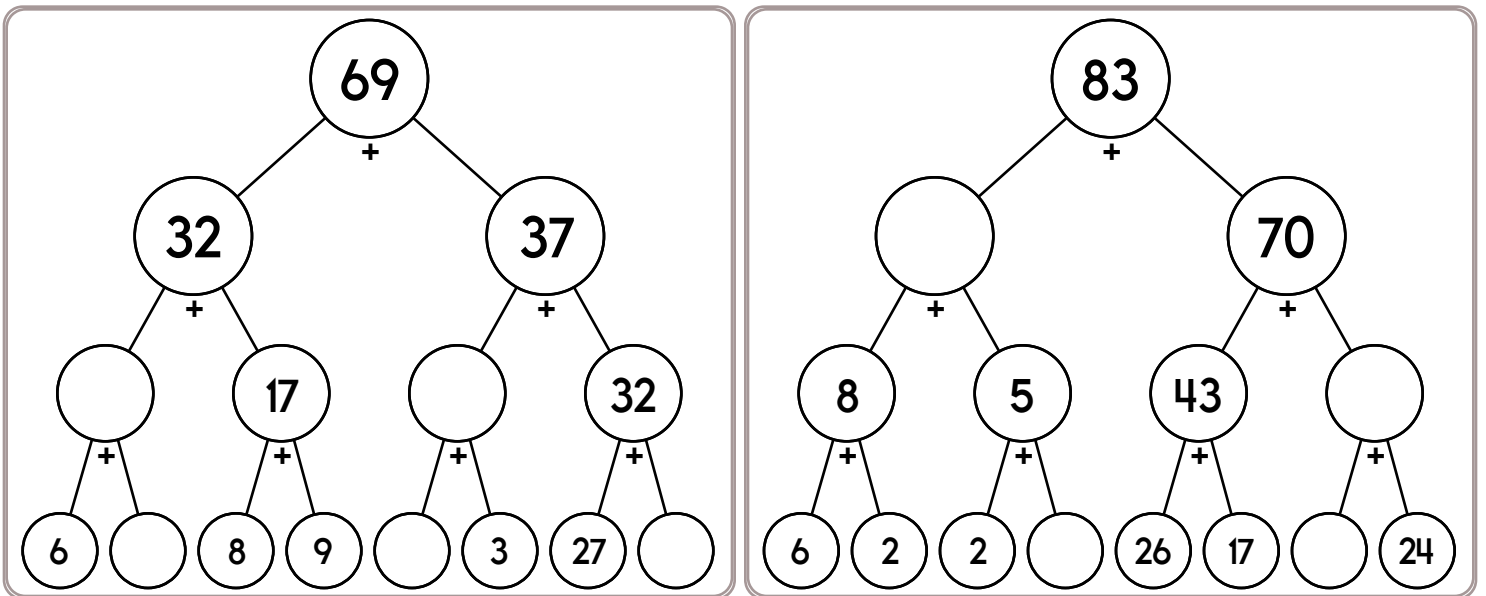
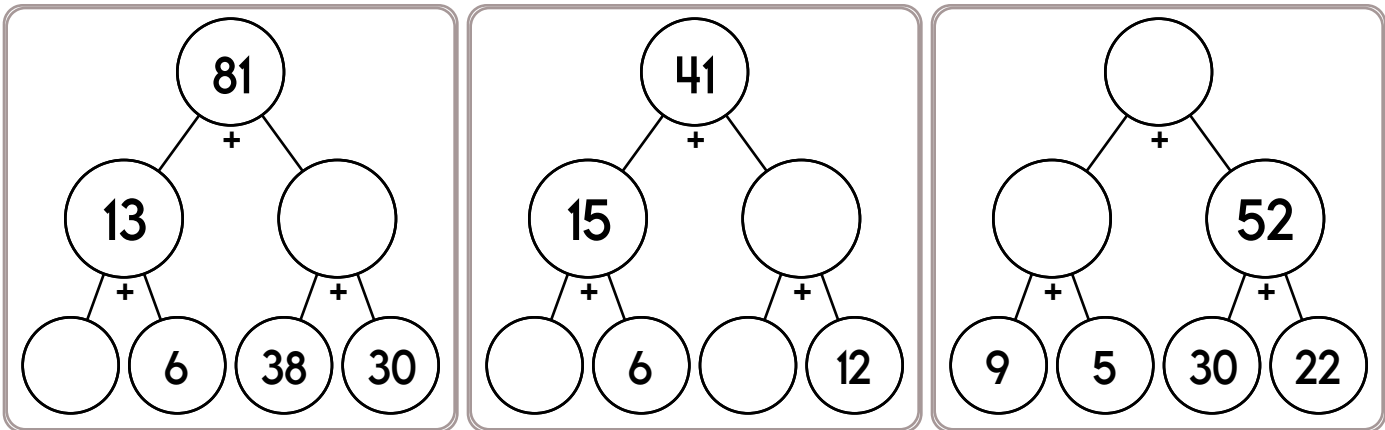
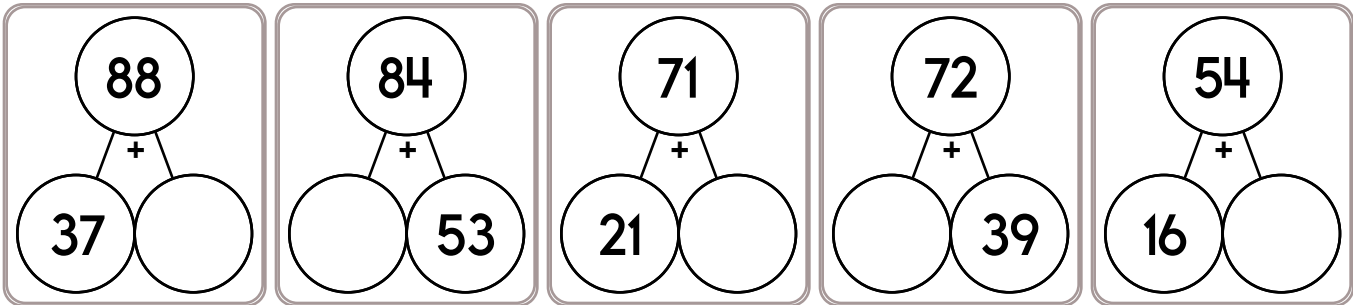
$8 \overline{) 344}$

$45 \overline{) 270}$

$9 \overline{) 783}$

$85 \overline{) 340}$

Name: _____



Write the reciprocal.

8

Write the reciprocal.

$\frac{13}{21}$

Write the reciprocal.

$\frac{5}{9}$

Name: _____

		+	+	-	=	
	B	A	B	?		34
+	C	C	B	A		3
x	C	C	A	A		2
=						
	13	12	144	122		

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$B + C \times C = 13 \quad _ + C + A - A = 2$$

$$_ + _ \times _ = 144 \quad _ + _ + _ - _ = 3$$

$$_ + _ \times _ = 12$$

Additional hints:

$$B > 6 \quad B = A + 1$$

Solve:

$$? = _$$

Name: _____

Draw a line from START to END.

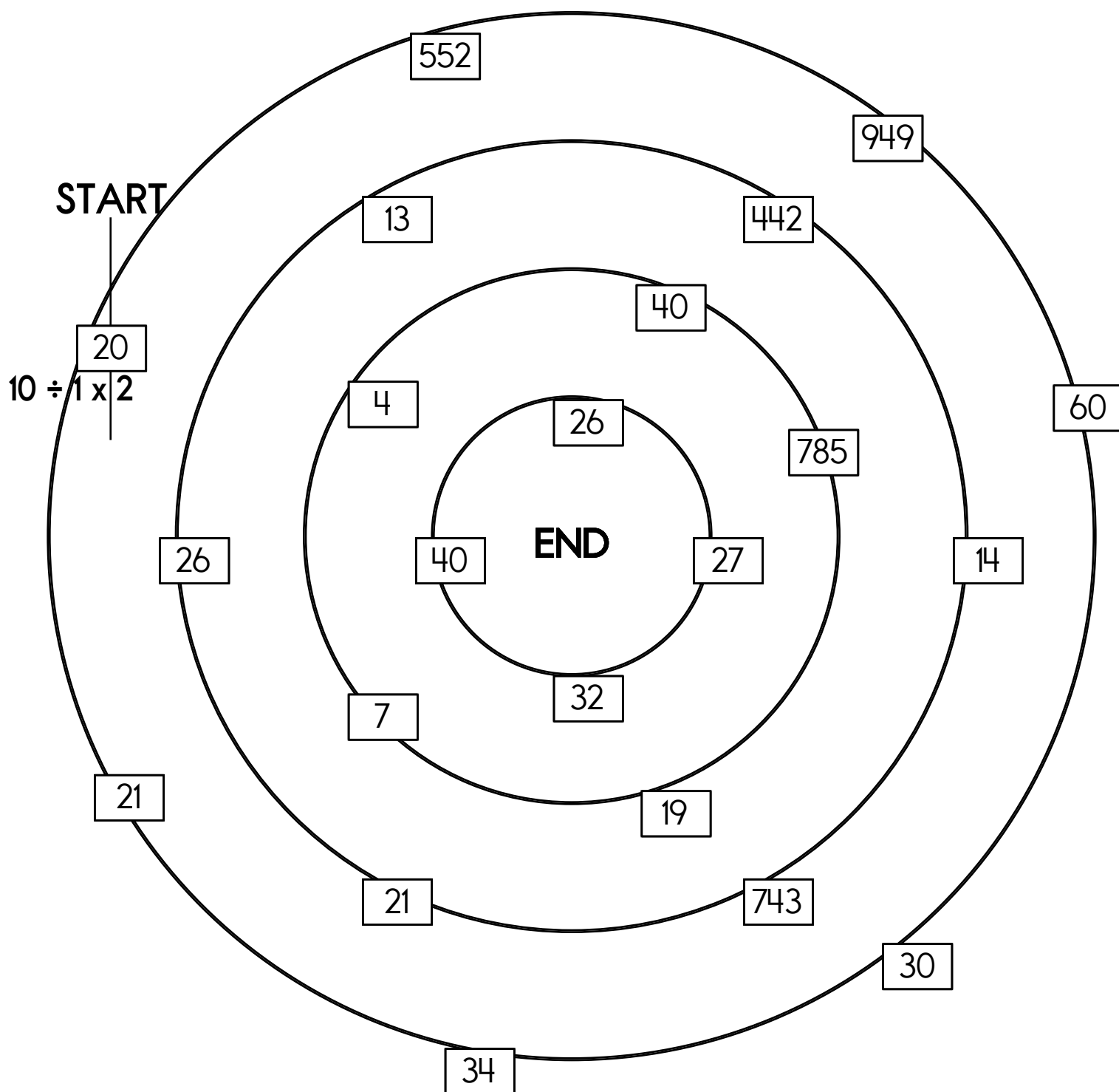
$$2 \times 8 - (3 + 9)$$

$$7 \times 2 + 2 \times 6$$

~~$$10 \div 1 \times 2$$~~

$$5 + 56 \div 7$$

Cross out the equation you use above and then write it below.



Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

17	96	89
44	14	22
56	98	40
35	25	43

Find a subtraction fact.

B

78	92	49
97	51	30
70	25	93
86	28	45

Find an addition fact.

C

39	68	56
90	30	84
20	55	43
18	62	70

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	96	-		=	
B		+		=	
C		-		=	

Nathan took three numbers greater than 1 and multiplied them. One number was four and the other number was twelve. Of course, he forgot the last number, but he remembered the product was 239. Is this possible?

Write this as a number in standard form.
Use a comma in your number.

seven hundred ninety-three thousand six hundred forty-nine

Circle the smallest number:

5,892,074,361 546,972,803
8,172 59,346

4 x 10 = _____

Name: _____

Sketch an obtuse angle
named $\angle BCD$.

Sketch an acute angle
named $\angle GHI$.

Sketch a right angle named
 $\angle BCD$.

$$19 + \frac{3}{8} + \frac{1}{2} =$$

$$10 - \frac{1}{2} + \frac{4}{5} =$$

Reduce $\frac{8}{22}$ to its lowest
terms.

Find the product of 894
and 7.

$$\begin{array}{r} 38 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 3,041 \\ \times 4 \\ \hline \end{array}$$

What is the greatest
common factor of 12, 40,
and 36?

$$15 + m = 27$$

What is the least common
multiple of 10 and 5?

Write as a decimal.

$$10 \frac{6}{10}$$

Write as a decimal.
Eight and six tenths

Write as a decimal.

$$\frac{5}{10}$$

Name: _____

$$60 \div -10 =$$

$$-9 + -7 =$$

$$4 - 2 - 15 =$$

$$\frac{7}{8} = \frac{?}{24}$$

Find 75% of 9.

Change to a percent.

$$\frac{4}{100}$$

Change $\frac{2}{4}$ to a decimal.

Change $\frac{50}{100}$ to a decimal.

Change $\frac{11}{50}$ to a decimal.

$$\frac{N}{6} = 2$$

$$2y = 8$$

$$\frac{N}{23} = 43$$

$$5 + 1 + 6 =$$

$$\begin{array}{r} 8,261 \\ - 3,676 \\ \hline \end{array}$$

Find the difference between 560 and 143.

Name: _____

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

A =haggle
B =dabble
C =zilch
E =jinx
H =kink
L =money
N =beware
O =different
P =visible
R =exhale
S =value
T =wheel
W =traffic
Y =harvest

Clue 1: nothing unusual transit tinker unusual crop

 C O _____

Clue 2: nothing bicker disk disk cash curse

Clue 3: sigh unusual seen curse

Clue 4: careful unusual unusual worth curse

Clue 5: nothing bicker disk nothing twist

What's in the Box? _____

732 - 672 = _____		<p>Hannah cannot open her locker. She knows that the three numbers are: 26, 5, and 22, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.</p>
12 x 9 = _____		
3 x 6 = _____		
7 x 10 = _____		

<p>Write an equation to represent this:</p> <p>The product of five and four is twenty.</p> <p>_____</p>	35 ÷ 5 = _____	5 x 4 = _____
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\times
 $\times =$
 $- \div$
 $< - >$

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