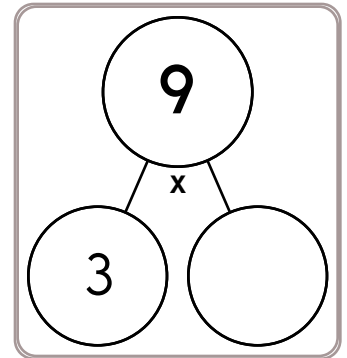
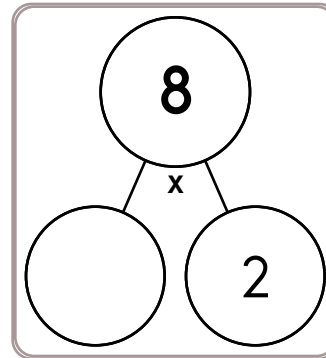
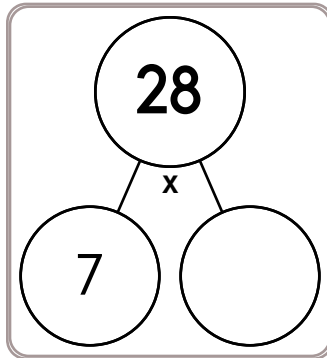
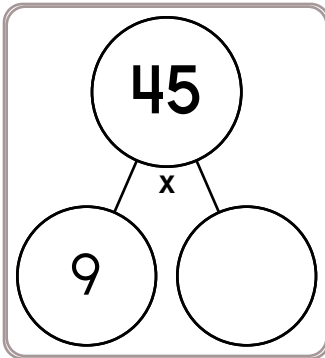
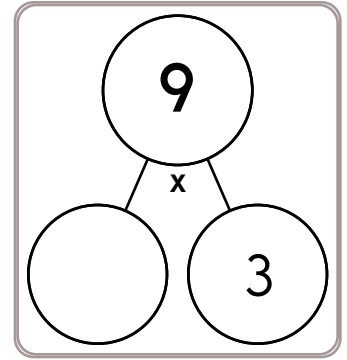
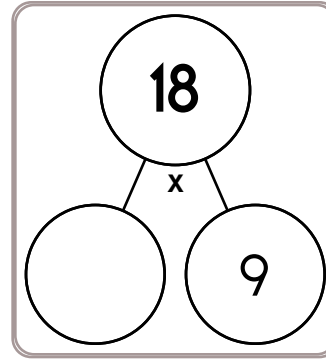
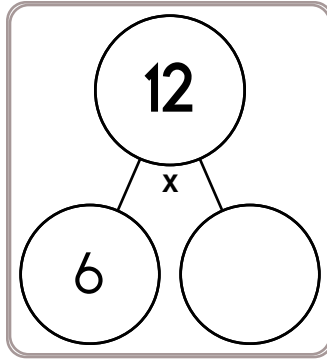
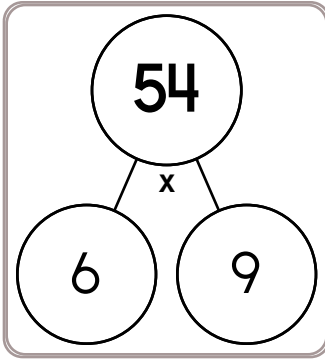


Name: _____

Ginger had the date circled on her calendar for months. The Summerset pool was finally going to open tomorrow. It was going to be perfect weather for a pool day! She begged her mom to take her right at 10:00 am because the first 150 people to enter would get a free beach towel and a free pair of sunglasses. Ginger didn't want to miss out! When Ginger's family of 7 arrived at the pool, there were already 93 people ahead of them in line. Once they opened the gates, families started flooding inside. The pool could only hold 450 total guests. Ginger hoped her best friend, Camille, would arrive soon. She wanted her to be able to get the free goodies, and she wanted to swim with her all day. Ginger waited patiently for Camille and counted guests as they arrived. About 15 people arrived every 15 minutes for the first hour. Then the pace slowed, and 10 guests arrived each 30 minutes. About 90 new pool guests entered before she finally saw Camille! What time did Camille arrive? Did she get the free beach towel and sunglasses?

Show your work.

Name: _____



$$\underline{\quad} - 305 = 218$$

$$\underline{\quad} - 269 = 384$$

$$705 - \underline{\quad} = 484$$

$$802 - \underline{\quad} = 92$$

$$600 - \underline{\quad} = 332$$

$$611 - \underline{\quad} = 160$$

$$\underline{\quad} - 321 = 664$$

$$\underline{\quad} - 728 = 179$$



$$90 \div 10 =$$

$$18 \div 3 =$$

$$77 \div 7 =$$

$$72 \div 12 =$$

$$28 \div 4 =$$

$$6 \div 2 =$$

$$16 \div 8 =$$

$$45 \div 9 =$$

$$35 \div 5 =$$

$$72 \div 6 =$$

$$45 \div 5 =$$

$$60 \div 10 =$$

Name: _____

$$\begin{array}{r} 884 \\ - 843 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ - 798 \\ \hline \end{array}$$

$$\begin{array}{r} 883 \\ - 310 \\ \hline \end{array}$$

$$\begin{array}{r} 509 \\ - 429 \\ \hline \end{array}$$

$$\begin{array}{r} 679 \\ - 257 \\ \hline \end{array}$$

$$\begin{array}{r} 878 \\ - 866 \\ \hline \end{array}$$

$$\begin{array}{r} 750 \\ - 172 \\ \hline \end{array}$$

$$\begin{array}{r} 650 \\ - 191 \\ \hline \end{array}$$

$$\begin{array}{r} 780 \\ - 629 \\ \hline \end{array}$$

$$\begin{array}{r} 513 \\ - 498 \\ \hline \end{array}$$

$$\begin{array}{c} 1465 \\ + \\ \bigcirc \end{array}$$

739

$$\begin{array}{c} 956 \\ + \\ 512 \end{array}$$

\bigcirc

$$\begin{array}{c} 1076 \\ + \\ \bigcirc \end{array}$$

197

$$\begin{array}{c} 1065 \\ + \\ \bigcirc \end{array}$$

364

$$\begin{array}{c} 1215 \\ + \\ 489 \end{array}$$

\bigcirc

$$\begin{array}{c} 637 \\ + \\ \bigcirc \end{array}$$

198

$$\begin{array}{c} 1076 \\ + \\ \bigcirc \end{array}$$

197

$$\begin{array}{c} 1726 \\ + \\ 782 \end{array}$$

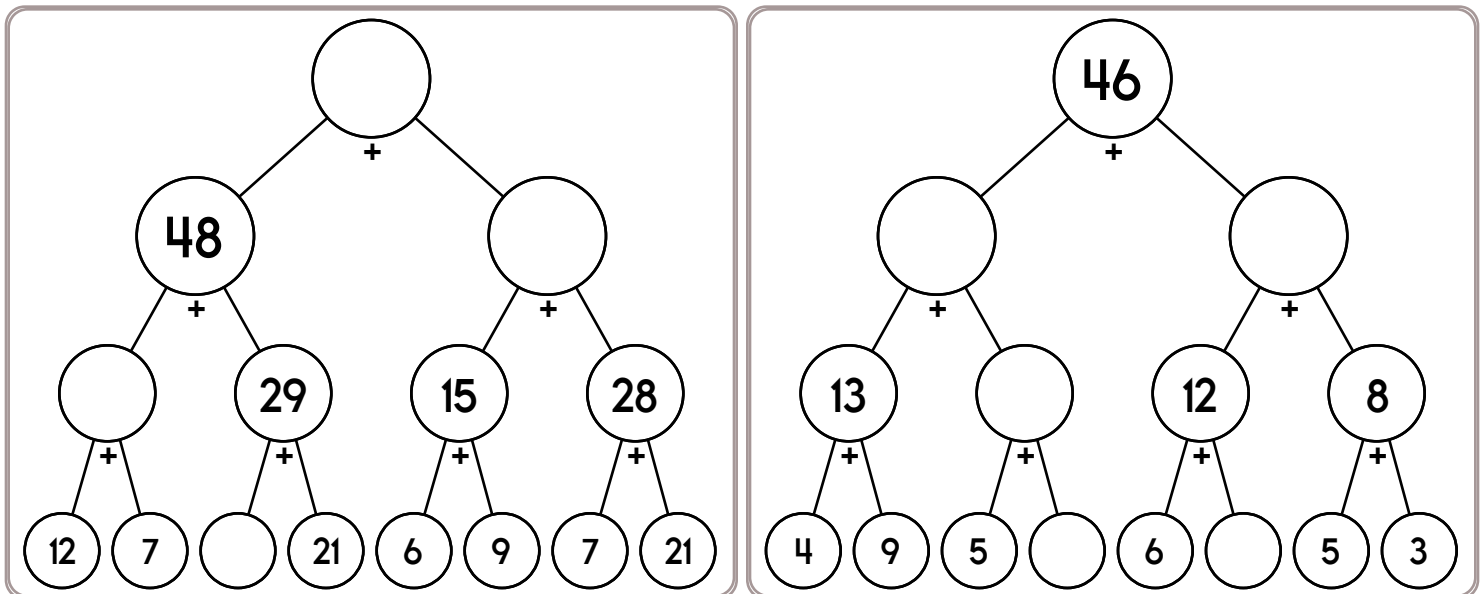
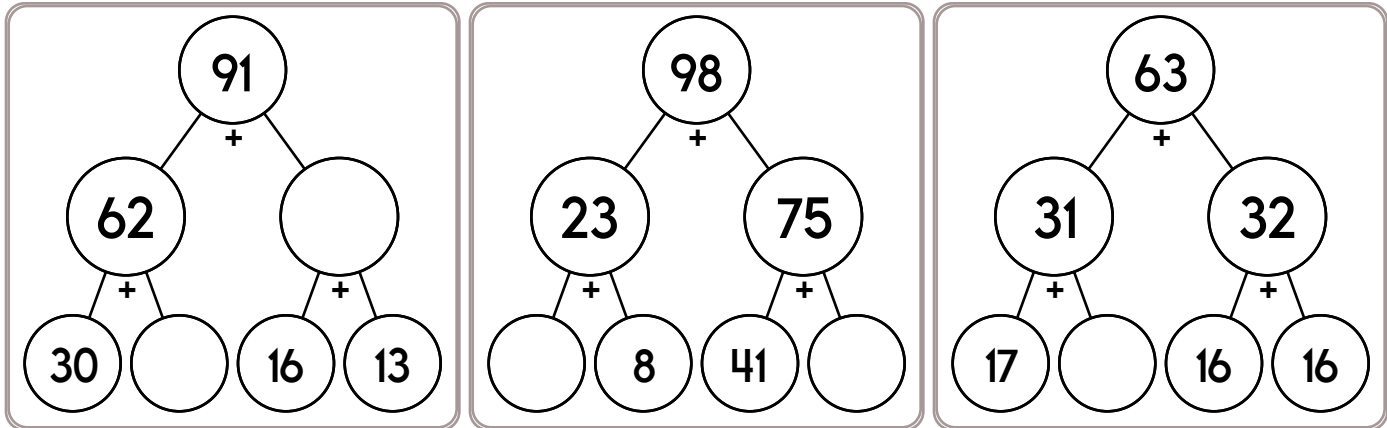
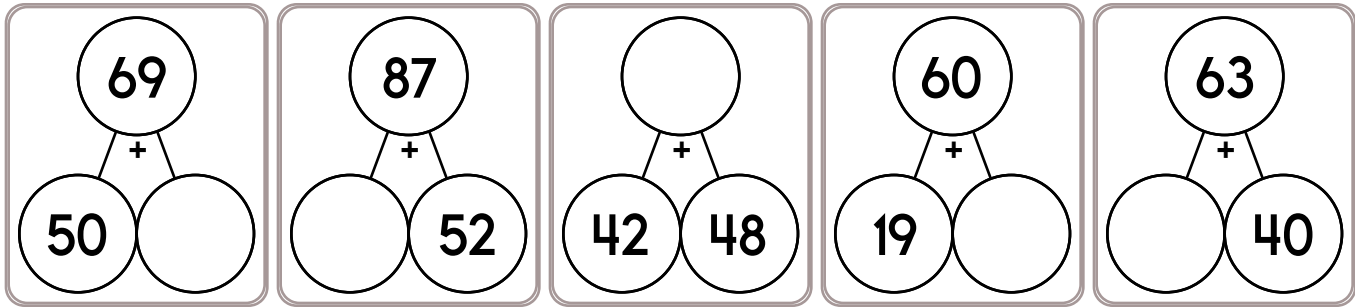
\bigcirc

$$40 + 85 =$$

$$851 - 445 =$$

$$\begin{array}{r} 676 \\ - 17 \\ \hline \end{array}$$

Name: _____



It was 9 degrees below zero in the morning. By afternoon the temperature rose 26 degrees. How warm was it?

What is 50% of 1,640?

Estimate quickly the difference.
4,060 - 2,110

word root **terr** can mean **land**

subterranean, terrarium

Name: _____

Mary has 35 books. She organized them equally into 5 boxes. How many books in each box?

Is 754 closer to 700 or 800?

Is 25 a composite or a prime number?

$$-9 + -4 =$$

$$-5 \times 9 =$$

$$-5 + -6 =$$

Round the decimal 0.575 to the nearest hundredth.

14, 16, _____, 20, 22, 24,
26, 28

The diameter of a circle is 1,356 cm. What is the radius of this circle?

Sketch an acute angle named $\angle DEF$.

What angle is the complement of an angle that is 65° ?

Sketch an angle and label it $\angle BCD$.

Name: _____

$$10 \times \underline{\quad} = 90$$

What is the missing number?

$$3 \times N = 30$$

What is the value of N?

$$\underline{\quad} \times 3 = 15$$

What is the missing number?

$$N \times 12 = 120$$

What is the value of N?

$$5y = 30$$

How many meters are there in 68 kilometers?

$$5 + 7 + (1 + 6)$$

What is 50% of 684?

$$\begin{array}{r} 693 \\ \times 59 \\ \hline \end{array}$$

$$11 \overline{) 7983}$$

Divide and write remainder.

$$60 \overline{) 5164}$$

Divide and write remainder.

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

$$(2 - 2) \times 3 = 0$$

$$1 + (6 \times 3) = 19$$

$$2 + 4 \div 2 = 4$$

$$2 + 4 \div 2 = 3$$

$$1 + 6 \times 10 = 61$$

$$1 + 6 \times 10 = 70$$

$$7 + 4 + 10 = 21$$

$$1 + 4 - 1 = 4$$

$$11 \times 7 + 12 \div 4 = 80$$

$$4 \div 4 + 8 + 5 = 14$$

$$3 \times 7 + 7 + 3 = 31$$

$$11 + 7 + 5 - 10 = 13$$

$$7 \div 7 + 12 + 6 = 19$$

$$9 - 3 + 3 \times 9 = 33$$

$$2 + 11 \times 10 - 6 = 124$$

$$9 + 2 - 8 + 1 = 4$$

$$8 \times 8 + 12 + 11 = 87$$

$$2 + 4 + 8 \div 3 = 6$$

Name: _____

Eric liked to go to the library in Martinsburg. He thought it was amazing to have so many books in one place. The librarian told him that 2,357 books had been added to the library this year. Now the library had a total of 134,929 books! How many books did the library have last year?

Nathan played a joke on his father. On Mirth Day Nathan planted 13 potato plants in his father's garden. He watered the plants and took care of them until the potatoes were ready to dig up. His father was very proud of him. Then he saw the potatoes. There were 14 purple potatoes on each plant! How many purple potatoes were there in all?

All 26 students in Mr. White's history class are doing interviews of family members. Each student has to record or videotape an interview with 11 family members. How many interviews will be conducted if all the students do their assignment?

There were 54,168,905 cartons of leaf lettuces grown in California in 2000. That will make a lot of salad! Write that number in expanded form.

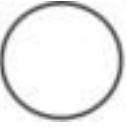


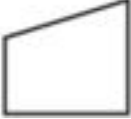




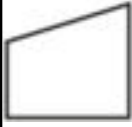


Gavin planted a sweet pepper plant in a pot. It was $\frac{1}{4}$ foot tall when he planted it. By the end of the first week, it had grown $\frac{1}{6}$ foot. During the second week it grew $\frac{1}{4}$ foot more. How tall was the plant at the end of the second week?

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

1	5	3			6
2	6	4			
		5	1		
	1			3	
5		6	4		
4					5

Each row, column, and box must have 6 different pictures.

Name: _____

		+		+		=	
	B		C		C		8
+							
	B		B		A		29
=							
	12		?		18		

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$B + B = 12$ $C + \underline{\hspace{1cm}} = 18$ $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = 8$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = 29$

Additional hints:

$A > 13$ $A = B + 11$

Show Work:

Solve:

$? = \underline{\hspace{1cm}}$

Name: _____

Robot Sarah likes to be tricked. Show at least 5 different ways to make 8,700. One of your ways should be WRONG to trick Robot Sarah.

Emily works at the garden center. She counts the petals on a tree with three branches. The tree has 6 petals for each flower. She counts 8 flowers on the first branch, 11 flowers on the second branch, and 9 flowers on the third branch. How many petals does this tree have?

Use the following rule to complete the conversion: 3 teaspoons = 1 tablespoon.

$$12 \text{ _____} + 12 \text{ _____} = 8 \text{ _____}$$

$$3 \text{ teaspoons} + 3 \text{ teaspoons} = \text{ _____ }$$

$$\text{ _____ } \text{teaspoons} + \text{ _____ } \text{teaspoons} = 4 \text{ tablespoons}$$

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.
 Every row must contain the numbers 1, 2, 3, 4, and 5.
 Every column must contain the numbers 1, 2, 3, 4, and 5.
 In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

1-	1- 5	1-	2-	
1		3	3-	2
2-		2	3-	2-
2-		4-		
2-			2	4

Fill in the blanks. These equations are from the puzzle above.

5 - ____ = 2

3 - ____ = 2

5 - ____ = 1

5 - ____ = 4

____ - 2 = 2

____ - 1 = 2

____ - 2 = 3

4 - ____ = 3



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

Round 936 to the nearest hundred.

Maria has \$32. She wants to buy something that costs \$98. How much more does she need?

A book has 3 pages. Each page has 12 dimes. How many dimes in the book?

How many minutes are there from 7:15 p.m. until 8:45 p.m.?

Name the shape with eight sides and eight angles.

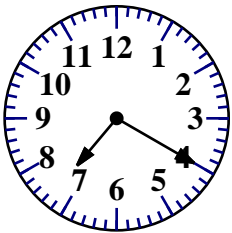
How many total legs are on 4 elephants and 5 owls?

double 52 =

Amanda bought six candy bars. It cost \$3.24. How much did each candy bar cost?

Which of the following is the greatest possible 2-digit number with all different digits?

Draw a small clock that shows 20 minutes past 7:00.



$$6 + 12 - 12$$

The number 84 is more than the number 6 by how much?

Name: _____

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

A

97	7	24
- 16	41	45
31	58	91
35	49	92

Find a subtraction fact.

B

68	11	2
- 46	78	42
20	75	13
56	74	99

Find a subtraction fact.

C

24	40	29
- 81	44	79
61	25	8
5	10	7

Find a subtraction fact.

Equations:
Write the equation facts you found.

A	31	-	7	=	24
B		-		=	11
C		-		=	24

Megan wants to call Jenna. Jenna is on vacation in Asia. It is a time difference of thirteen hours. Jenna's time is always later than Megan's time. If it is 9:43 A.M. where Megan lives, then what time is it where Jenna is?

1 lb = 16 oz
20 lb = _____ oz

26 km = _____ m

$$\begin{array}{r} 398 \\ - 325 \\ \hline \end{array}$$

$$\begin{array}{r} 269 \\ + 444 \\ \hline \end{array}$$

Name: _____

Robot AQD said, "I have YYYYYYY robot cats."

Robot EFG said, "I have Y robot cats."

Robot cat said, "Each Y stands for three cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

Hunter thought he would never finish cooking. He made 88 muffins, of which $\frac{1}{4}$ were chocolate and the rest were vanilla. How many chocolate muffins did he make?

Mary is buying candy mixes for goodie bags. Each fun mix packet weighs 8 ounces. She purchased 3 pounds. How many packets did she buy?

(Hint: 1 pound = 16 ounces)

Name: _____

Find the missing numbers.

If

$1, 1 = 1$

$2, 2 = 4$

$3, 3 = 9$

$4, 4 = 16$

Then

$5, 5 = ?$

If

$5, 5 = 10$

$6, 6 = 12$

$7, 7 = 14$

$8, 8 = 16$

Then

$9, 9 = ?$

Complete each pattern. Write what the rule is for each pattern.

$\frac{1}{3}, (1), (3), (9),$

$(27), (81), (243), (729),$

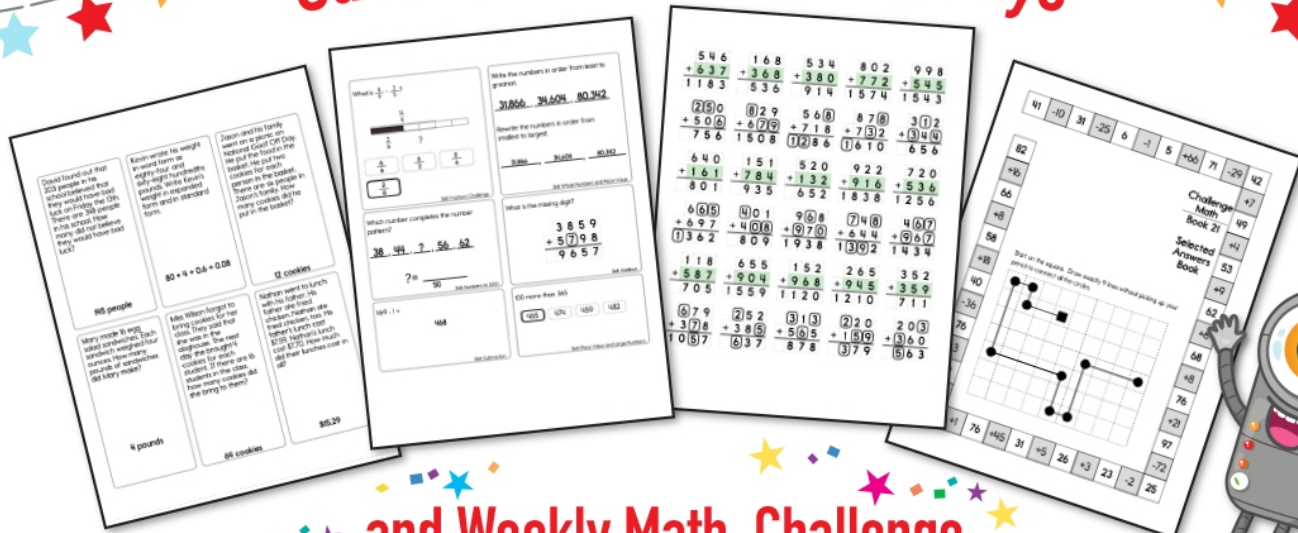
_____, _____

$\frac{1}{2401}, \frac{1}{343}, \frac{1}{49},$

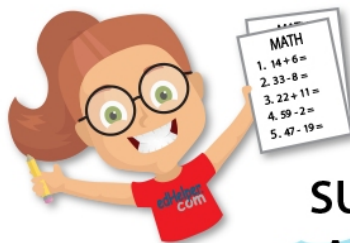
$\frac{1}{7}, (1), (7),$

$(49), (343),$ _____

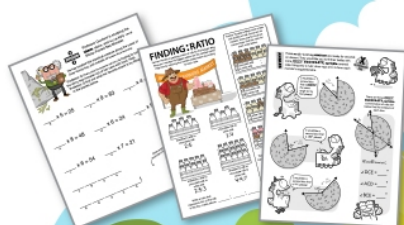
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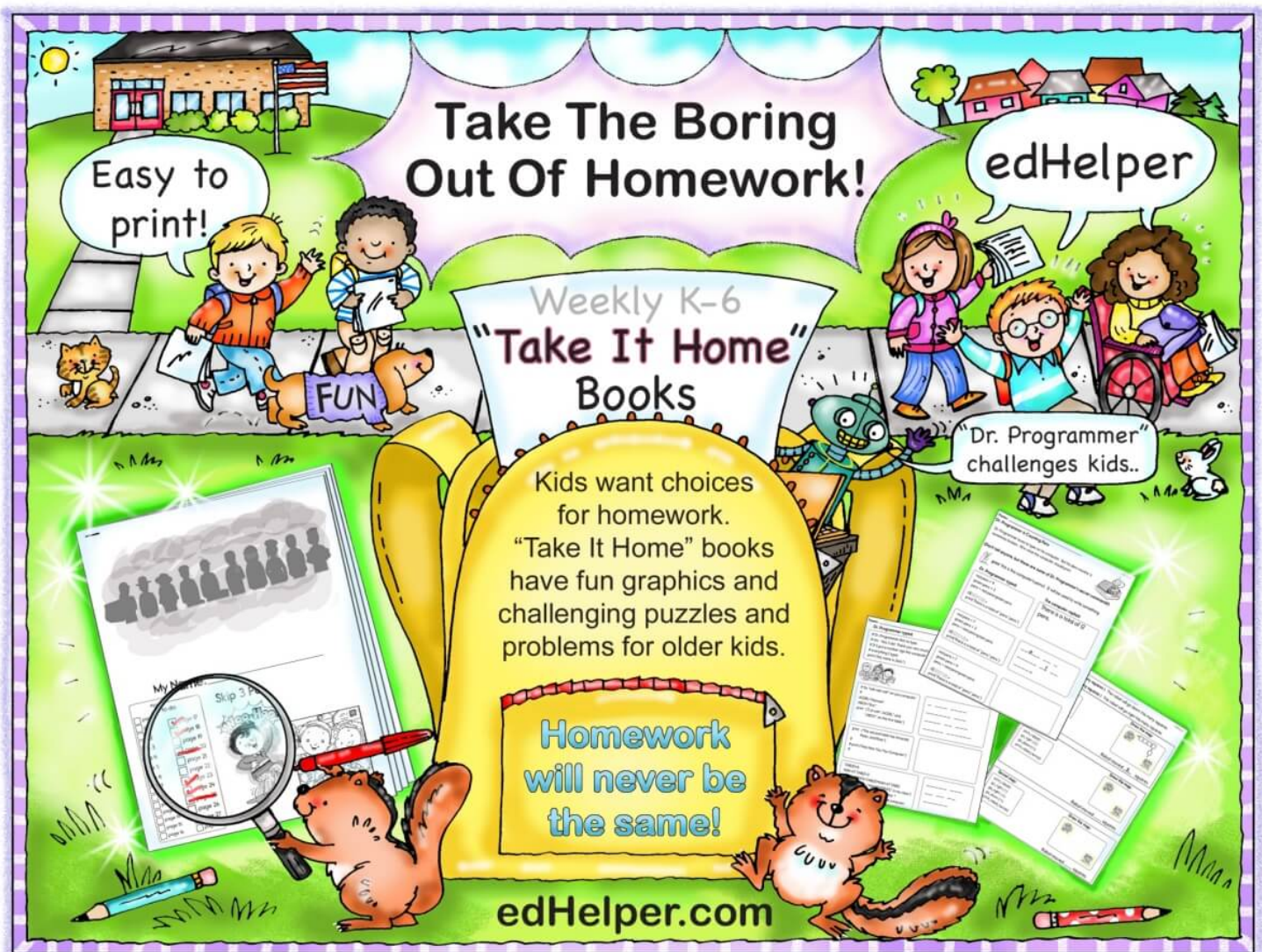


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Name: _____

Find the least common denominator.

$$\frac{2}{9} \text{ and } \frac{3}{5}$$

$$40 - \frac{3}{5} =$$

$$\begin{array}{r} 8 \\ - 2\frac{3}{6} \\ \hline \end{array}$$

$$19 + \frac{1}{3}$$

Reduce $\frac{24}{28}$ to its lowest terms.

$$19 + \frac{1}{3}$$

Find the least common denominator.

$$\frac{6}{27} \text{ and } \frac{18}{36}$$

$$\begin{array}{r} \frac{7}{12} \\ - \frac{2}{11} \\ \hline \end{array}$$

$$10 + \frac{3}{4}$$

On a number line, what is the number that is 8 spaces right of -5?

On a number line, what is the number that is 3 to the left of 2?

$$17 - 6 = \underline{\quad}$$

$$17 + -6 = \underline{\quad}$$

Name: _____

Wendy is less than 15 years old. She is 6 years younger than Adam. In 14 years, Wendy will be $\frac{4}{5}$ years as old as Adam. How old is Adam?

Use any of these digits. Cross off a digit after you use it.

0 0 3 8 9 7 7 4 1

What is the smallest 5-digit odd number that you can make?

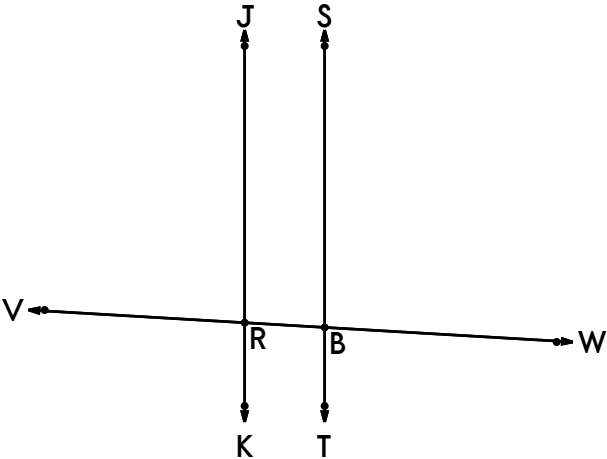
I am a 4-digit number greater than 7,000. My ones digit and thousands digit are the same. Write any number that fits this.

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

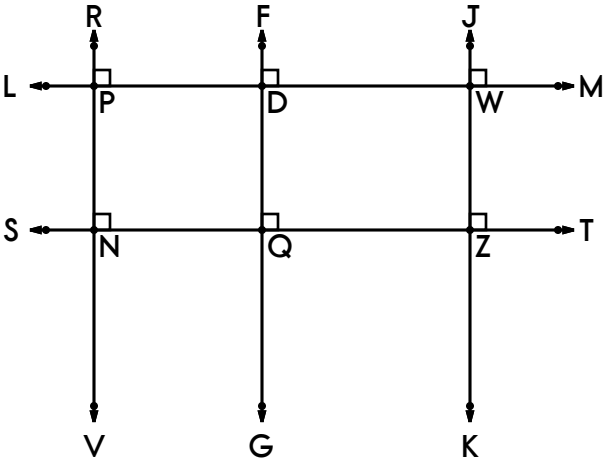
sum of 7 →				sum of 4 ↓			
sum of 9 →	2			sum of 5 ↓			
sum of 7 ↓		sum of 7 →			sum of 5 ↓	sum of 8 ↓	
		sum of 9 ↓	sum of 7 ↓				
	sum of 10 →	3	4	3			
	sum of 4 ↓			sum of 3 →		1	
sum of 6 →							
	3		sum of 6 →			4	

	sum of 5 →	3	1	1		sum of 5 ↓	
sum of 8 ↓		sum of 7 →		4			
	sum of 5 →		2				
	sum of 5 →		1				
	sum of 3 →				sum of 4 ↓		
	sum of 5 →						
sum of 10 →					sum of 8 →		
	sum of 6 →			sum of 4 →			



Name 2 angles with B as their vertex.

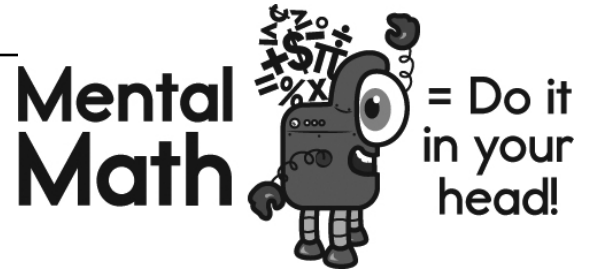
Name 2 line segments.



Show where all the right angles are.
How many right angles did you find?

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?



imagine 3 in your head

add 3

subtract 3

Write the number.

A

imagine 2 in your head

add 6

subtract 3

subtract 2

Write the number.

B

imagine 3 in your head

add 4

double it

add 2

add 7

Write the odd digit in your answer.

C

imagine 7 in your head

double it

add 5

add 7

Add the tens digit to the ones digit. Write the sum.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ n _____ e _____ n

1 after 12 _____

5 before 17 _____

4 before 19 _____

9 after 14 _____

6 before 15 _____

8 before 18 _____

4 after 17 _____

1 before 13 _____

9 before 12 _____

7 after 16 _____

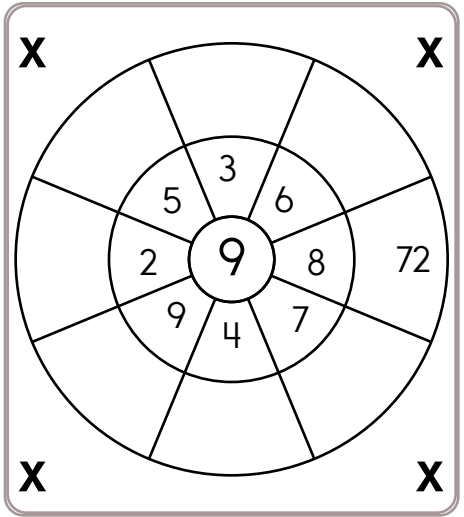
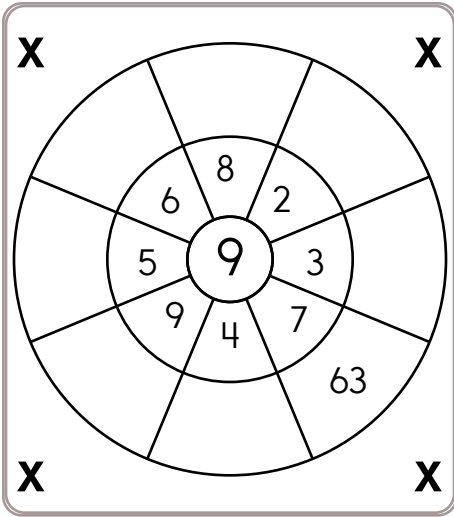
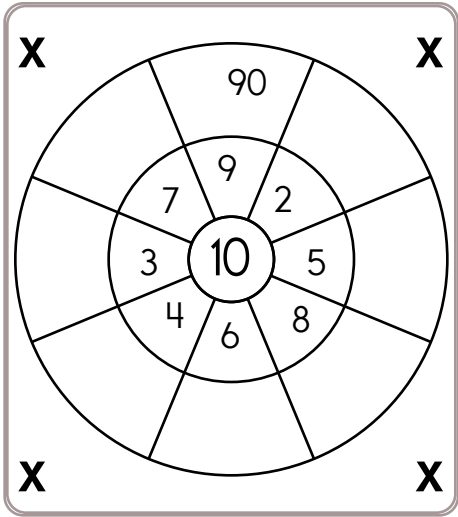
2 before 16 _____

7 before 11 _____

Name: _____

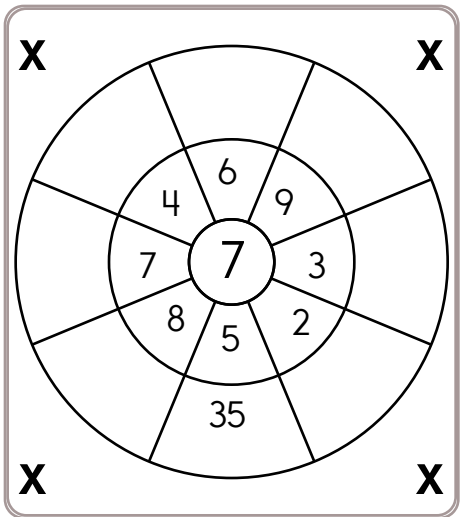
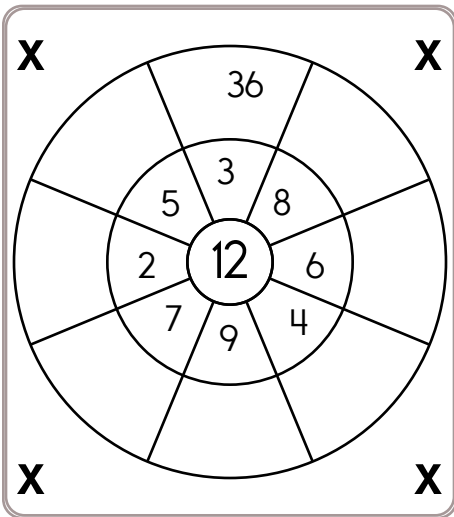
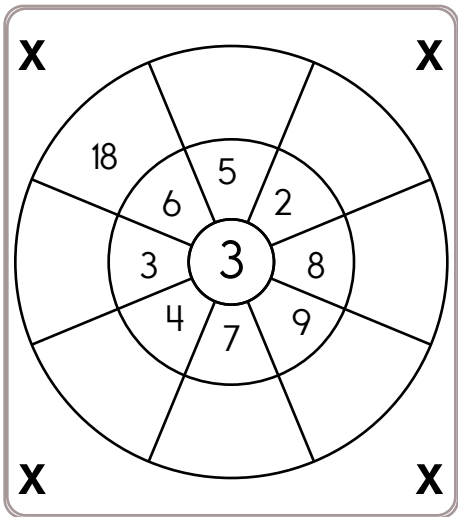
Multiply

Multiply the numbers by the number in the center.



$11 \times 8 =$ $2 \times 9 =$ $2 \times 0 =$ $3 \times 12 =$ $4 \times 8 =$

Multiply the numbers by the number in the center.



$9 \times 2 =$ $10 \times 4 =$ $12 \times 6 =$ $11 \times 5 =$ $8 \times 8 =$

$4 \times 11 =$ $2 \times 3 =$ $7 \times 10 =$ $10 \times 7 =$ $5 \times 4 =$

Name: _____

Dr. Programmer knows how to program with his computer. He uses the STAR key, which is *. On a computer you have to press Shift and 8 at the same time to type that. How confusing!

5 times 2 is written $5 * 2$ on his computer.



Dr. Programmer typed:

The computer replied:

print (5 * 2)

10

print (2 * 5)

__

print (6 + 10)

__

print (49 + 48)

A = 3

B = 3

print (A * B)

A = 3

print (A * 12)

How many grams are in 6 kilograms?

_____ grams

Cross out all of the prepositional phrases in the sentence.

Caleb ran toward Isaac before throwing the football.

Name: _____

A = 343
 B = 9
 C = A - B
 print (C)

A = 685
 B = 5
 C = A - B
 print (C)

Girls = 20
 Boys = 17
 Diff = Girls - Boys
 print ("Our class has ",Diff," more girls than boys.")

_____ c _____ s _____ a _____
 _____ e _____

N1 = 3
 N2 = 8
 N3 = N1 * N2
 N4 = N3 + 2
 print ("N4 = ",N4)

N1 = 6
 N2 = 7
 N3 = N1 * N2
 N4 = N3 + 2
 print ("N4 = ",N4)

Name: _____

The Statue of Liberty was dedicated on October 28, 1886. As of October 28, 2025, how long has it been since the Statue of Liberty was dedicated?

Jason bought 10 sea monkeys for \$14.81. To the nearest dollar, how much did his purchase cost?

The coaches divided the players in the wheelchair basketball league into four teams. There were five players on each team. How many players were there in all?

In 2002, the average person in the United States ate about 19 quarts of ice cream. There are 496 students at Miller High School. About how many quarts of ice cream did the students eat in 2002?

Amanda had twenty-four safety pins in her sewing kit after she used some to make a flag pin. If she had ten left in her sewing kit, how many safety pins did she use to make the flag pin? Write an equation.

Tallman's Turkeys raised 4,047 turkeys in 2004. Trenton Turkeys raised 2,312 more turkeys than Tallman's. Write an equation and solve it to find the number of turkeys that Trenton raised.

Name: _____

Emma and Sarah are spending their summer at the beach. Today they are playing a game called Shell Seekers. The spinner for the game has six sections labeled 5, 10, 15, 20, 25, and 30. Write the probability as a fraction that Emma will spin a number less than 10.

The Butterfly Club printed 475 copies of a booklet about butterflies for the new garden. There are 8 pages of pictures and 5 pages of type in the booklet. Each page is printed on $\frac{1}{2}$ sheet of paper. How many sheets of paper were used for all 475 booklets?

Dr. Toothsome, the TV dentist, said that 9 out of 10 dentists recommend Glistergreen. If that were true, how many dentists out of 130 would recommend Glistergreen?

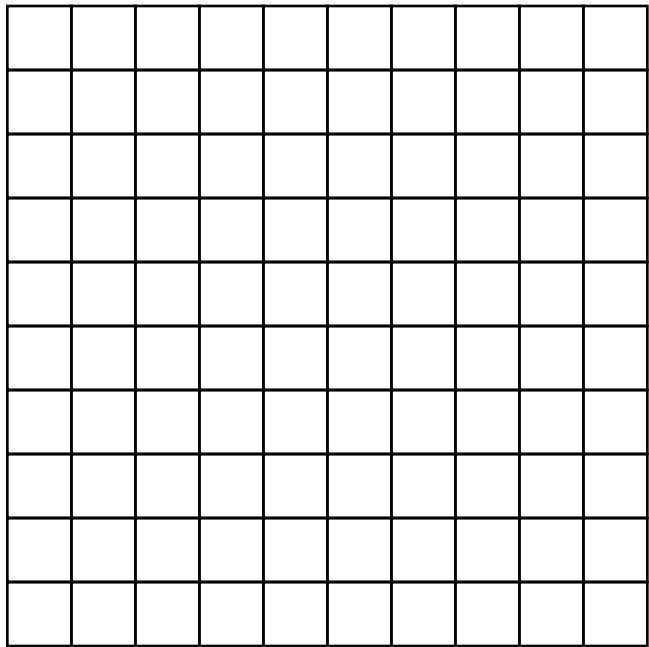
Megan mailed invitations to her birthday party on February 21. Her birthday is exactly three weeks later. On what date is her birthday?

Amanda procrastinated studying until 5 minutes before the spelling test. As a result, she only spelled 2 out of 3 words correctly. There were 12 words on the test. How many did she spell correctly?

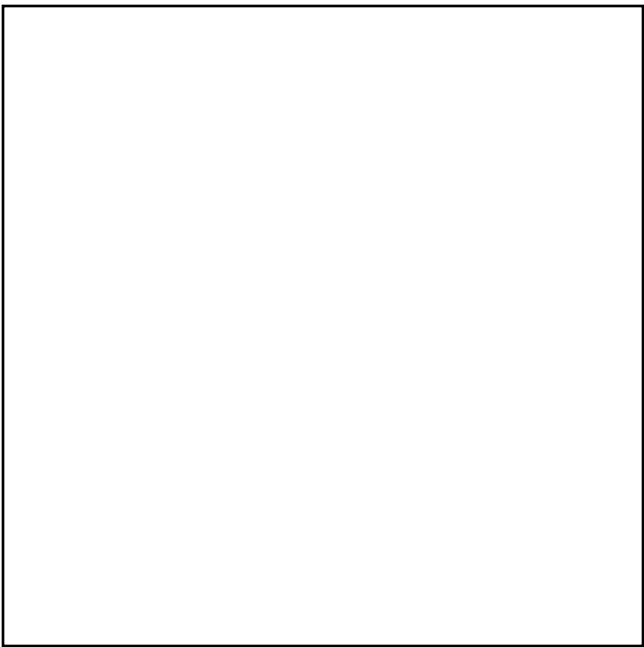
What part of speech is the underlined word? Explain the word's function in this sentence.

My dad always loses his keys, but he usually finds them on the table.

Name: _____



Color in 67% of the large square.



Color in 24% of the large square.

$$88\% = \underline{0.88} \qquad 54\% = \underline{\hspace{2cm}}$$

$$36\% = \underline{\hspace{2cm}} \qquad 40\% = \underline{\hspace{2cm}}$$

$$4\% = \underline{\hspace{2cm}} \qquad 15\% = \underline{\hspace{2cm}}$$

$$99\% = \underline{\hspace{2cm}} \qquad 20\% = \underline{\hspace{2cm}}$$

$$6\% = \underline{\hspace{2cm}} \qquad 70\% = \underline{\hspace{2cm}}$$

$$\frac{3}{10} = \frac{30}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{3}{25} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{9}{50} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{19}{50} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

$$\frac{9}{20} = \frac{\hspace{1cm}}{100} = \underline{\hspace{2cm}} \%$$

Name: _____

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

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

Write the words found.

BARRELS	MELANCHOLY	GRANDMOTHER
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

$\begin{array}{r} 93 \\ - 48 \\ \hline \end{array}$	<p>Circle the digit in the tenths place.</p> <p>38.254</p>	<p>$12 \div 4 =$</p>
$\begin{array}{r} 46 \\ + 39 \\ \hline \end{array}$	<p>Write the missing family fact.</p> <p>$126 \div 6 = 21$</p> <p>$21 \times 6 = 126$</p> <p>$6 \times 21 = 126$</p> <p>_____</p>	

Name: _____

Select the word or phrase whose meaning is closest to the given word.

PIED

hungry
proudness
multicolored
striped
full

SAGE

genius
herbal
dreaded
portent
wise

OPULENT

clandestine
concerning eyesight
flashy
wavering
linked

FALLOW

relevant
uncultivated
fiscal
sagging
compatriot

OBSOLETE

outmoded
timely
misshaped
hibernating
luminous

VAGUE

limpid
avant-garde
understandable
dark
unclear

NOISOME

silent
malodorous
aromatic
quiet
loud

INANE

funny
strange
charming
silly
curious

UNKEMPT

disheveled
loose
unruly
dour
impolite

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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

Name: _____

Sudoku Sums of 9

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 9.

Here is an example of a sudoku sum of 9:

1	8
---	---

5				3	
		6		5	2
4				1	
1	6	4			
		5			

Color in $\frac{1}{4}$.

- ☐ chilli
- ☐ chehlue
- ☐ chili
- ☐ chihlea

$$\begin{array}{r} 90 \\ + 87 \\ \hline \end{array}$$

What is the value of the BIG digit?

9,396,**7**34

What are 34 tens equal to?

$$\begin{array}{r} 5 \\ \times 11 \\ \hline \end{array}$$

Circle the largest number.

814 520 527
732 752 796

Color in $\frac{1}{2}$.

Circle the even numbers.

54 23 127 37
73 80 53 64
45 29 68 144



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

Write $\frac{8}{12}$ in lowest terms.

It was 2 degrees below zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

The perimeter of a rectangle is 22 cm. The longer side is 8 cm. How long is the shorter side?

Estimate quickly the difference.

$$6,050 - 2,890$$

40, 49, _____, 67, 76, 85,

94

How many centimeters in 480.6 meters?

It was 6 degrees above zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

$$6 \times 5 - 4$$

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

108 divided by 12 equals

How many minutes is it from 7:00 a.m. to 11:45 a.m.?

$$9 \div \frac{1}{3}$$



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

$$4 + 6 + 9 - 9$$

Round the decimal 0.365 to the nearest hundredth.

Round 84,443 to the nearest hundred.

$$9 \frac{1}{7} + 5 \frac{5}{7}$$

How much money is 1 quarter, 1 dime, 7 nickels, and 1 penny?

Pick the family fact that is missing.

$$8 \times 16 = 128$$

$$128 \div 8 = 16$$

$$128 \div 16 = 8$$

Circle the three numbers whose product equals 144.

6 10 6

3 8 3

522122, 252212, 225221,

122522, 212252, 221225,

522122, 252212, 225221,

_____, 212252, 221225,

522122, 252212

h, 9, h, 9, _____, 9, h, 9,

h, 9, h, 9

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

Round 10,305 to the nearest thousand.

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

Name: _____

Use >, <, or = to complete.

$1.9 \underline{\hspace{1cm}} 1.8$

$5.45 \underline{\hspace{1cm}} 5.66$

$6.8 \underline{\hspace{1cm}} 7.2$

$0.68 \underline{\hspace{1cm}} 0.7$

$9.3 \underline{\hspace{1cm}} 9.1$

$8.7 \underline{\hspace{1cm}} 9.6$

$0.47 \underline{\hspace{1cm}} 0.5$

Use >, <, or = to complete.

$9.4 \underline{\hspace{1cm}} 9.1$

$8.7 \underline{\hspace{1cm}} 9.5$

$6.6 \underline{\hspace{1cm}} 5.7$

$2.75 \underline{\hspace{1cm}} 2.99$

$8.3 \underline{\hspace{1cm}} 8.6$

$0.73 \underline{\hspace{1cm}} 0.8$

$8.21 \underline{\hspace{1cm}} 8.06$

Write as a decimal.

$$\frac{2}{10}$$

Write as a decimal.

Thirty-seven thousandths

Write as a decimal.

Seven and thirty-one hundredths

Write as a decimal.

Four tenths

$$\begin{array}{r} 7.45 \\ +6.53 \\ \hline \end{array}$$

$$\begin{array}{r} 0.53 \\ -0.347 \\ \hline \end{array}$$

$$\begin{array}{r} 6.9 \\ -1.819 \\ \hline \end{array}$$

$$9 \overline{) 3.6}$$

Change $\frac{2}{5}$ to a decimal.

$$3 \overline{) 9.6}$$

Name: _____

Six students talked about eye safety today. They told the other students how to protect their eyes. The talks took 50 minutes. About how long did each student talk?

The city's Freedom Memorial Garden was enclosed by a fence put up in the shape of a parallelogram with a base of 149 feet and a height of 111 feet. What was the area of the garden?

Write the place value that is 100 times as great as the hundreds place.

Mr. Martinez has ants and giraffes on his farm. He has 7 giraffes. One day he was bored and counted all the legs. Between his insects and giraffes he had a total of 46 legs. That's a lot of legs! How many ants does he have?

word root **con** can mean **together**

contacts, contract

Name: _____

$$\frac{8}{9} + \frac{2}{3}$$

$$1\frac{1}{6} + \frac{5}{6}$$

$$\frac{1}{4} + \frac{3}{4}$$

$$1\frac{2}{7} + \frac{5}{7}$$

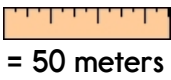
$$\frac{3}{5} + \frac{2}{5}$$

$$\frac{1}{3} + \frac{2}{3}$$

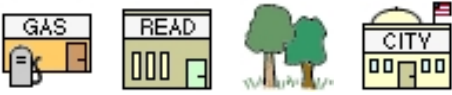
$$1 + \frac{5}{8}$$

$$\frac{1}{2} + \frac{1}{2}$$

Name: _____



Circle the one at A,7.



Circle the one at G,4.



2 Lyon Street



is at _____.

11 Lyon Street



is at _____.

52 Cortland Way



is at _____.

6 Lyon Street



is at _____.

331 Wilfred Street



is at _____.

335 Wilfred Street

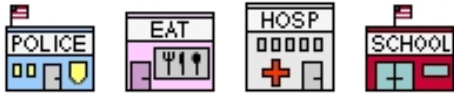




is at _____.

Name: _____

The library at 12 Lyon Street is across from

Circle the building that is located on Harnat Street.







Go _____ to drive from the house at 333 Wilfred Street  to the hospital at 337 Wilfred Street .

[Hint: Use north, south, west, or east.]

Ray Street is _____ of Harnat Street.

Cortland Way is _____ of Wilfred Street.

Write the total distance to go from the house at 2 Lyon Street  to the police station at 121 Harnat Street .

Write the total distance to go from the bank at 440 Bishop Avenue  to the bank at 440 Bishop Avenue .

Write directions to get from the house at 330 Wilfred Street to the house at 335 Wilfred Street.

Begin at the gas station at 10 Lyon Street. Walk the path to the road. The distance from your starting point to the road (the little path) is 14 meters. Go north on Lyon Street. Your final destination is on the east side of Lyon Street. You will have walked a total of 29 meters from your starting point (including the 14 meters path at the end of your walk). What is your final destination?

Name: _____

Which number is the smallest? Which number is the largest?

What is the difference between the largest and smallest numbers?

2.6820

2.682

2.70

2.64

It was 8 degrees below zero in the morning. By afternoon the temperature rose 26 degrees. How warm was it?

It was 4 degrees above zero in the morning. By afternoon the temperature rose 20 degrees. How warm was it?

What is the area of a rectangle with sides 5 cm and 10 cm?

The perimeter of a rectangle is 14 cm. The longer side is 5 cm. How long is the shorter side?

76, 80, _____, 88, 92, 96

Round the decimal 0.755 to the nearest hundredth.

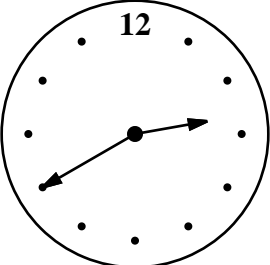
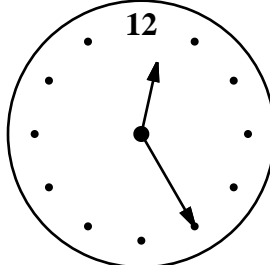
Add the correct end punctuation for this sentence.

I can't believe that I am finally going to get a dog

Insert a comma after the introductory element in this sentence.

Considering the blizzard outside I didn't think we would have school today.

Name: _____

<p>Can you think of a five-letter word that has the vowel E in it?</p> <p>_____</p>	<div> $\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$ </div> <div> $\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$ </div> <div> $\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$ </div>			
<p>Which is larger, 8 or 0.9?</p> <p>_____</p>	<div> $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ </div> <div> $\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$ </div> <div> $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$ </div>			
<p>What are the first three multiples of 6?</p> <p>_____</p>	<p>If $\square = 7$, then $\square + 9 =$ _____</p> <p>How many pints are equal to 2 gallons?</p> <p>_____</p>		<div> $\begin{array}{r} 8 \overline{)48} \\ \hline \end{array}$ </div> <div> $\begin{array}{r} 5 \overline{)25} \\ \hline \end{array}$ </div>	
<p>The factors of 6 are 1 _____ 3 _____</p>				
<div>   </div> <p>current time (pm) time party starts (pm)</p> <p>How long until the party? _____</p>			<div> $\begin{array}{r} 9 \overline{)72} \\ \hline \end{array}$ </div> <div> $\begin{array}{r} 2 \overline{)12} \\ \hline \end{array}$ </div>	
<p>Write the fraction for 0.18 using 100 in the denominator.</p> <p>_____</p>	<p>If D = 7, then what does D + 3 equal?</p> <p>_____</p>		$\begin{array}{r} 41 \\ 13 \\ + 24 \\ \hline \end{array}$	

Name: _____

Complete each analogy with the best word.																				
<div style="border: 1px dashed black; padding: 5px;"> <table> <tr> <td>round</td> <td>Mars</td> <td>library</td> </tr> <tr> <td>arm</td> <td>vanish</td> <td>bank</td> </tr> <tr> <td>dig</td> <td>rude</td> <td>jail</td> </tr> <tr> <td>hardworking</td> <td>stubborn</td> <td>neck</td> </tr> <tr> <td>Jupiter</td> <td>month</td> <td>tools</td> </tr> <tr> <td>square</td> <td></td> <td></td> </tr> </table> </div>	round	Mars	library	arm	vanish	bank	dig	rude	jail	hardworking	stubborn	neck	Jupiter	month	tools	square				
round	Mars	library																		
arm	vanish	bank																		
dig	rude	jail																		
hardworking	stubborn	neck																		
Jupiter	month	tools																		
square																				
chapel : church ::																				
prison : _____																				
good manners : polite ::																				
bad manners : _____																				
classrooms : school ::																				
vault : _____																				
map : flat ::																				
globe : _____																				
cover : bury ::																				
uncover : _____																				
rocky planet : Earth ::																				
gas giant : _____																				
human resource : education ::																				
capital resource : _____																				
hip : leg ::																				
shoulder : _____																				
autumn : season ::																				
November : _____																				
hide : conceal ::																				
disappear : _____																				

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

SPOTS • EXTINCT • FRIED • BACK •
DISTANCE • JUPITER • TRACTOR • S
BRASS • BANK • MEDICINE • VIRGI
PLAYGROUND • ARM • PENCIL • RU

Name: _____

Dr. Programmer typed:

```
Team1=3
Team2=5
print ("Who won the soccer game?")
if Team1 > Team2
    print ("Team1 did")
if Team2 > Team1
    print ("Team2 did")
```

The computer replied:

Who won the soccer
game?
Team2 did

```
Won By = Team2 - Team1
if Won By == 1
    print ("They won by 1 goal.")
if Won By > 1
    print ("They won by ", Won By, " goals.")
```

____e_____

```
left at = "kitchen";
print ("Where is my phone?")
if (left at == "kitchen")
    print ("Maybe by the refrigerator?")
if (left at == "car")
    print ("It is still in the car!")
```


Today Is = "Tuesday"

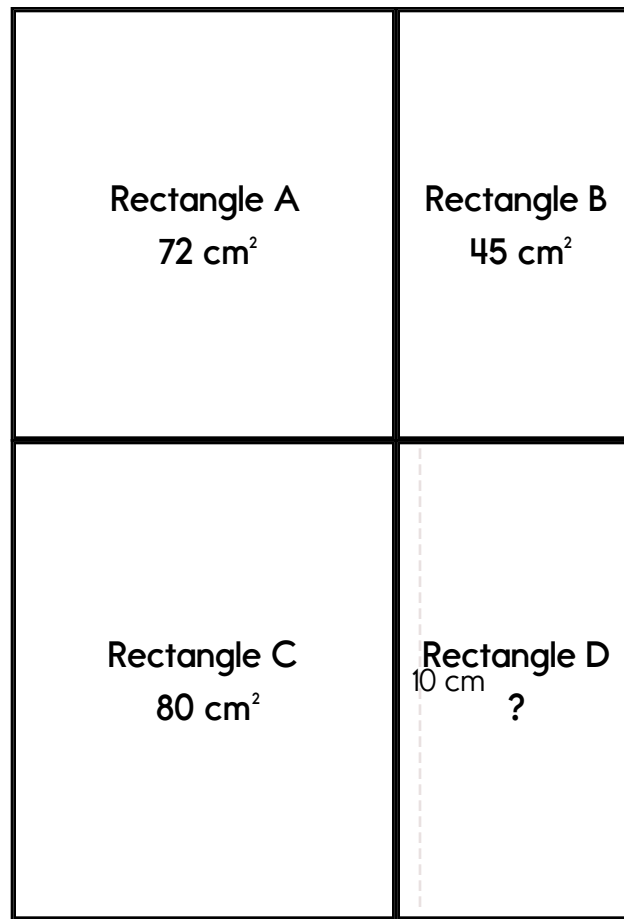
```
if (Today Is == "Monday")
    print ("soccer skills practice")
if (Today Is == "Tuesday")
    print ("volleyball practice")
if (Today Is == "Wednesday")
    print ("playdate?")
```

Insert a comma in the appropriate
place in this sentence.
Yes it's a lovely afternoon outside!

Name: _____

It's easy to figure out the area of a rectangle. You just multiply its width by its height.
Try to find the missing number using that equation.

Hint: For these puzzles you will NEVER need to work with decimals or fractions.
If you get a fraction, try something else!



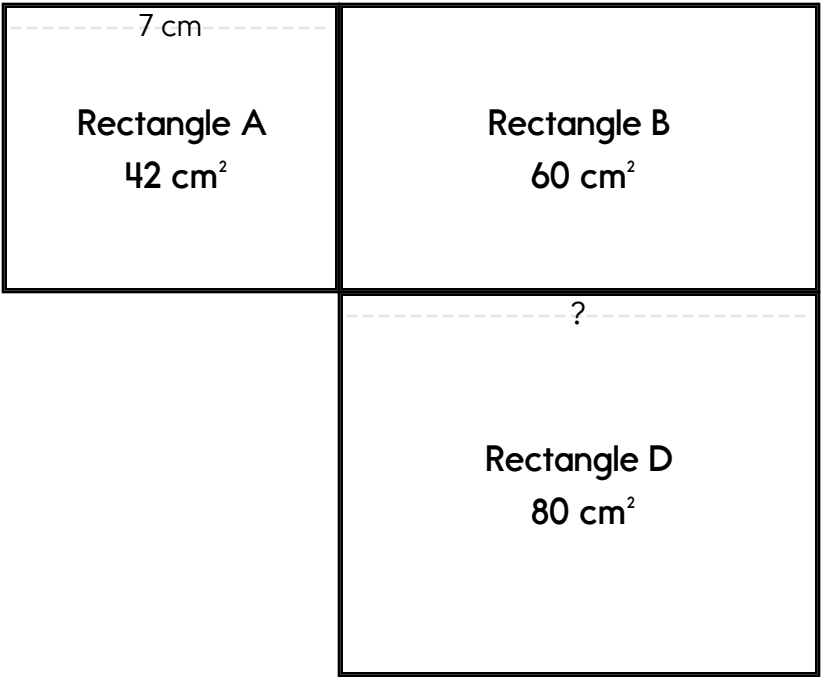
? = _____

70, 80, _____, 100, 110,
120, 130, 140

A book has 5 pages. Each page has 11 dimes. How many dimes in the book?

$12 + (12 - 11)$

Name: _____



? = _____

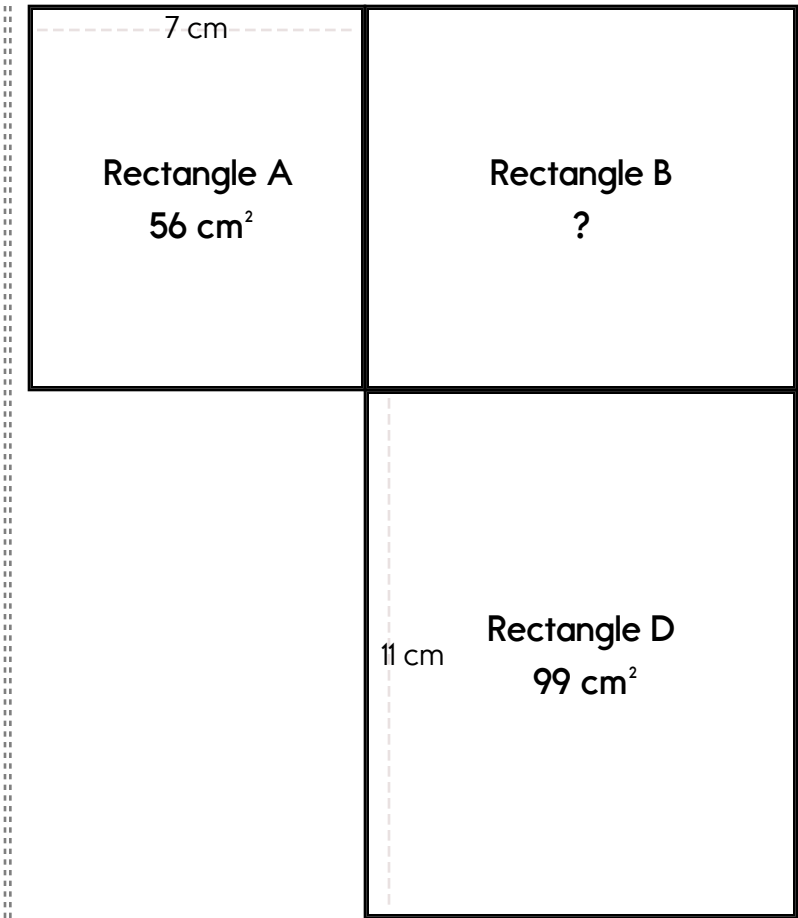
Draw a shape that has between four and seven lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

$(7 + 6) + 7 =$

Circle the pair of words if they are synonyms. Do nothing if they are antonyms.
before/after, bent/straight, build/erect

What time is 13 hours after 4:00 p.m.?

Name: _____



? = _____

Write 67,262 in words.

Amy has two favorite numbers. If you add her favorite numbers, you get 18. If you multiply her favorite numbers, you get 65. What are her mystery numbers?

Write a synonym and antonym for this word.
alert

$5 \times 9 =$

$30 \div 5 =$

Name: _____

--	--	--	--	--

$$\begin{array}{r} 0.4 \\ - 0.37 \\ \hline \end{array}$$

$$\begin{array}{r} 0.6 \\ - 0.5 \\ \hline \end{array}$$

What is the sum of 12.7 and 6.3?

How many centimeters in 940.6 meters?

$$3 - 2 + 7 \times 10$$

$$(16), (4), (1), \frac{1}{4}, \frac{1}{16}, \frac{1}{64}, \text{ ————— }, \frac{1}{1024}$$

How much money is 1 quarter, 1 dime, 1 nickel, and 6 pennies?

a, a, 2, 2, W, a, a, 2, 2,
W, a, a, _____, 2, W, a

The perimeter of a rectangle is 18 cm. The longer side is 6 cm. How long is the shorter side?

Name: _____

During recess, four out of every five kids were playing soccer. The rest played basketball. If fifty kids were at recess, then how many kids were playing soccer?

A class is practicing handshakes. There's a total of nine people in the class. Each student has to shake hands with everyone in the class exactly once at the start of class and once at the end of class. Sarah is in the class. What is the total number of handshakes that Sarah will give?

Peter used a gift card to purchase a custom baseball jersey. Unfortunately, he needs to wait. The seller said he should receive it in 2 to 4 weeks. If today is July 26, what would be the latest date that the package might arrive?

April and Alex both drew pictures of robots. Alex's robot is two times as tall as April's robot. If you stack the robots on top of each other, their height is 36 centimeters. How tall is each robot?

Name: _____

Complete each pattern. Write what the rule is.

285	280	275
270		260
255	250	
240		230

Complete each pattern. Write what the rule is.

13, 15, _____, _____, 27, 33, 40, 48, 57, 67, 78

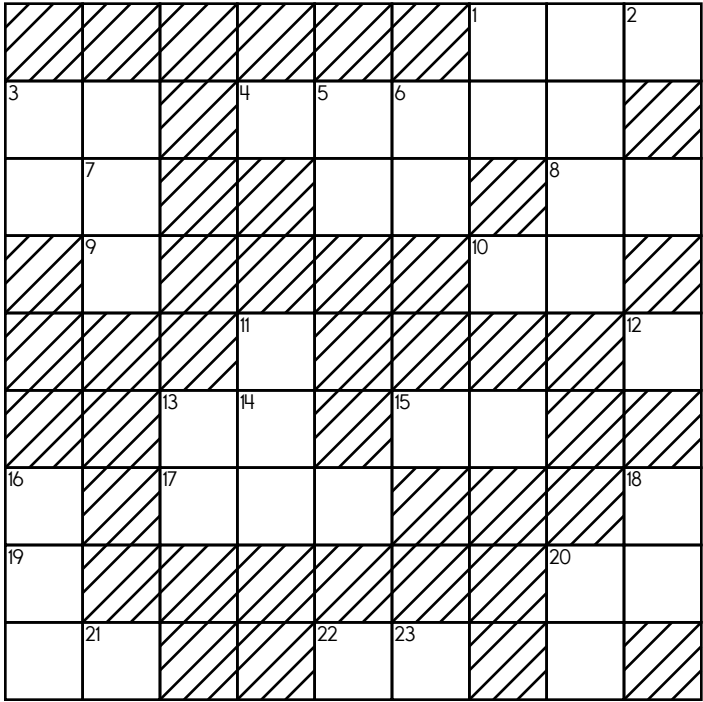
33, _____, 38, 42, 47, 53, _____, _____, 77, 87

Name: _____

ACROSS

DOWN

- | | |
|--|---|
| <p>1. What is the lowest common multiple of 9-Across and 14-Down?</p> <p>2. What is the lowest common multiple of 11-Across and 23-Down?</p> <p>3. Sum of digits of 17-Across</p> <p>4. Its digits total 19</p> <p>6. What is the lowest common multiple of 19-Down and 3-Across?</p> <p>8. What is the greatest common factor of 23 and 46?</p> <p>9. One-third of 8-Down</p> <p>11. How many factors does 50 have?</p> <p>15. 19</p> <p>16. What is the greatest common factor of 36 and 80?</p> <p>17. What is the lowest common multiple of 13-Down and 7-Down?</p> <p>22. The factors of 32 are 1, 2, 4, 8, ___, 32.</p> | <p>3. The factors of 42 are 1, 2, 3, 6, 7, ___, 21, 42.</p> <p>4. How many factors does 4 have?</p> <p>5. First prime number after 15-Across</p> <p>6. Two more than 3-Across</p> <p>7. 17</p> <p>8. 21</p> <p>10. How many factors does 49 have?</p> <p>12. What is the greatest common factor of 19-Down and 3-Down?</p> <p>13. 11</p> <p>14. One less than 15-Across</p> <p>18. What is the greatest common factor of 13-Down and 19-Down?</p> <p>19. 22</p> <p>20. 5-Down plus 9-Across</p> <p>21. How many factors does 15 have?</p> <p>23. How many factors does 12 have?</p> |
|--|---|



Name: _____

Reduce each fraction to a mixed numeral in its lowest terms.

$$\frac{228}{32} =$$

$$\frac{12}{12} =$$

$$\frac{12}{14} =$$

$$\frac{801}{81} =$$

$$\frac{189}{36} =$$

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

Reduce each fraction to its lowest terms.

$$\frac{48}{72} =$$

$$\frac{8}{12} =$$

$$\frac{3}{9} =$$

$$\frac{24}{32} =$$

$$\frac{35}{63} =$$

$$\frac{48}{64} =$$

Write as a decimal.
Thirty-nine thousandths

Write as a decimal.

$$\frac{7}{10}$$

Use >, <, or = to complete.

$$114 \text{ ___ } 110.11$$

$$375.6 \text{ ___ } 378$$

$$26.3 \text{ ___ } 26.300$$

$$5.77 \text{ ___ } 5.5$$

$$464 \text{ ___ } 465.59$$

$$3.44 \text{ ___ } 3.4$$

$$3.9 \text{ ___ } 3.90$$

Write as a decimal.
Four and two tenths

$$\begin{array}{r} 4 \frac{4}{9} \\ - 3 \frac{5}{9} \\ \hline \end{array}$$

Write the decimal in words.
29.1

$$\begin{array}{r} 3 \frac{2}{9} \\ - 1 \frac{7}{9} \\ \hline \end{array}$$

Name: _____

x	80	5
30		150
9		

a. Complete the blanks in the chart for 85×39 .

b. Using the chart, solve:

$$85 \times 39 = \underline{\hspace{2cm}}$$

Megan rode her bike to Anne's house. Leaving her driveway, she turned left and rode about 1.4 kilometers where she turned right. Anne's house was the sixth house on the left side of the road. It's getting late, and Megan needs to go home, but she has brain freeze. Write directions on how she should ride her bike home from Anne's house.



Each box in the grid has an area of 1 square inch. Draw two different triangles that have an area of 20 square inches.

Erin had a fun homework assignment. She had to write word problems. Pretend you are her teacher. What would you write as suggestions for these?

a. I drew a square. One side is 4 centimeters long. My friend drew a triangle. One side of my friend's triangle is 5 centimeters long. Whose shape has the greater perimeter?

b. Robert walked to school at an average speed of 20 steps a minute. Jacob walked to school at 26 steps a minute. Who got to school first?

Name: _____

It is Monday, and Amy is trying to use her pencil for as long as she can. It is currently 8.4 centimeters long. She thinks she will use 1.39 centimeters of the pencil each day. If she can use her favorite pencil that amount each day until it is 3 centimeters long, then on which day will she need to stop using this pencil?

Anna was curious about what day will be her teacher's birthday. Today is Wednesday, and it is the 65th day of school.

"My birthday will be celebrated in 16 school days. There are 5 days each week for school and there are no upcoming holidays. Anyone know on what day of the week will be my birthday?" asked Mr. Clark.

Mrs. Lewis's class is raising money for a charity during October.

Anna saved a dime for each day of the month to donate.

Billy saved a nickel each day. Who collected more money? By how much more?

Name: _____

Which two of the fractions have a difference of $\frac{1}{3}$?

$$\frac{1}{2}$$

$$\frac{1}{6}$$

$$\frac{1}{12}$$

$$\frac{5}{6}$$

$$\frac{5}{8}$$

Jenna has 85 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

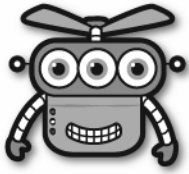
$$8 + -2 = \underline{\quad}$$

$$8 - 2 = \underline{\quad}$$

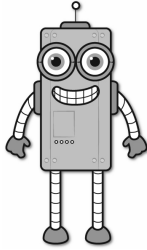
$$-1 + 13 = \underline{\quad}$$

On a number line, what is the number that is 7 to the left of 5?

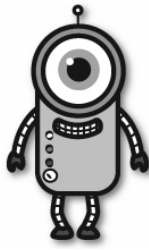
Name: _____



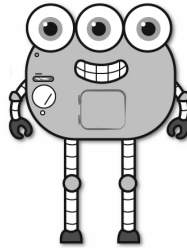
Alex



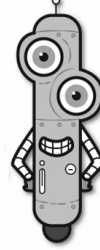
Kevin



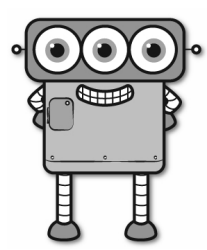
Ava



Erin



Anne



Nathan

Facts

Anne is twenty-nine years older than Ava.

Nathan is twice as old as Alex.

Alex is seven years old.

Ava is thirty-eight years older than Alex.

Erin is forty-nine years older than Alex.

Kevin is seventy-one years older than Alex.

How old is Alex? _____

How old is Kevin? _____

How old is Ava? _____

How old is Erin? _____

How old is Anne? _____

How old is Nathan? _____

Write an equation to represent this:

The difference between eleven and four is seven.

$$90 \div 9 =$$

Circle the correctly spelled word.
voyage, woar, shalow

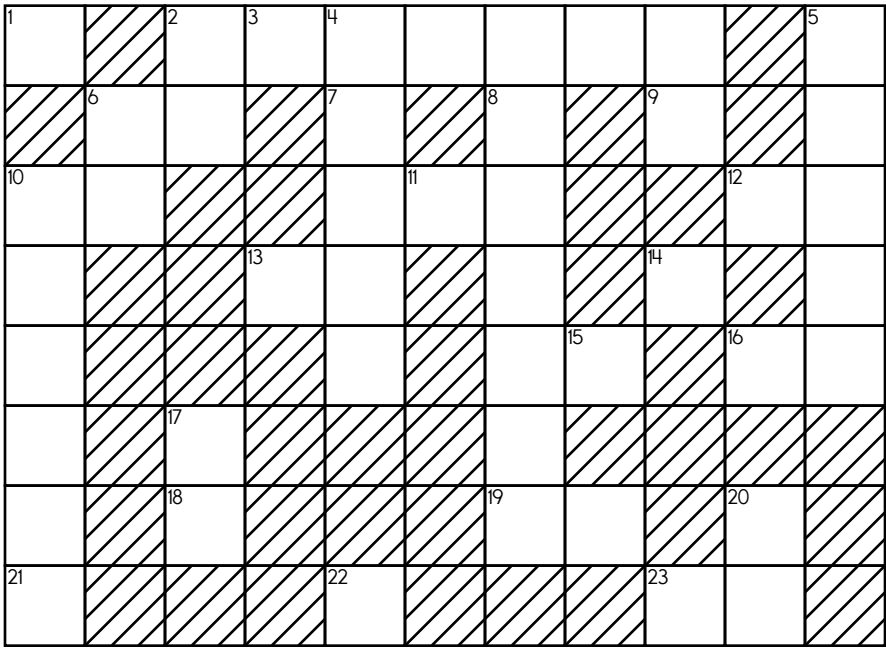
Name: _____

ACROSS

1. First composite number after 22-Across
2. Its digits total 35
3. the hundred thousands in 8-Down + the ones in 11-Down + the thousands in 5-Down + the ten thousands in 10-Down
6. Nine more than 11-Down
7. How many factors does 56 have?
9. How many factors does 4 have?
12. Two less than 19-Across
14. Average of 13-Down and 16-Across
16. Average of 19-Across and 18-Down
17. What is the greatest common factor of 21-Across and 14-Across?
18. First prime number after 13-Down
19. **13**
21. How many factors does 26 have?
22. How many factors does 50 have?
23. How many factors does 60 have?

DOWN

2. Six times 12-Across
4. the ones in 18-Across + the hundreds in 8-Down + the ten thousands in 10-Down + the thousands in 3-Across
5. eighteen thousand, one hundred forty
6. The factors of 28 are 1, 2, 4, 7, __, 28.
8. 11-Down plus 10-Down
10. seven hundred seventy thousand, five hundred twenty-four
11. 7
13. What is the greatest common factor of 48 and 78?
15. How many factors does 35 have?
18. What is the greatest common factor of 11-Down and 6-Down?
20. The factors of 24 are 1, 2, 3, 4, 6, 8, __, 24.
22. How many factors does 32 have?



Name: _____

336 exceeds six times a number by 78.
What is the number?

Ten times a number, decreased by
eighty-one, equals nine. What is the
number?

Twenty-six more than a number is one
hundred two. What is the number?

Sixty-seven more than 8 times a number is
155. What is the number?

Name: _____

$$6 + \underline{\quad} = 13$$

What is the missing number?

$$9 + x = 12$$

What is the value of x?

What is the least common multiple of 3 and 6?

What is the greatest common factor of 9, 33, and 30?

$$n - 10 = 4$$

What is the least common multiple of 12 and 10?

$$6 + n = 11$$

$$\underline{\quad} + 4 = 19$$

What is the missing number?

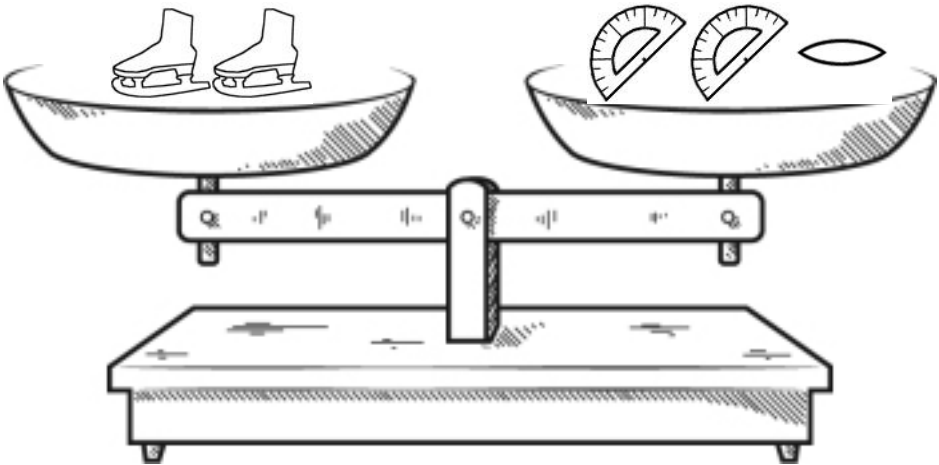
$$x + 19 = 31$$

What is the value of x?

Write all the factors for the number 24.


$$n - 14 = 19$$


Name: _____



It may help to give values to pictures.

 = 15

 = 6

 =

You should only mark TRUE if you are absolutely sure it is correct!



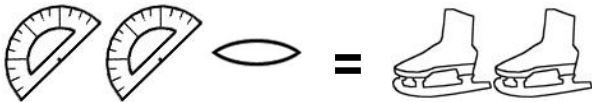
☐ True

☐ False



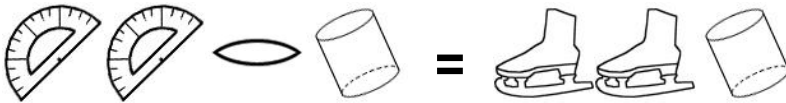
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that three are true? If not, look again!

word root **port** can mean **carry** **transport, import**

Name: _____

Anne and Rose each have a soccer game at 8 a.m. on different fields. Anne's soccer field is 114 yards long. Rose's soccer field is 321 feet long. Which field is longer and by how much?

I am a whole number. One of my factors is 39. One of my digits is 9. I am less than 400. I am greater than 300. What number am I?

$$2 - 3 - 1 =$$

$$6 \times -8 =$$

$$5 - 6 - 1 =$$

Name: _____

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

A

30	52	26
+	62	99 77
	34	89 27

Find an addition fact.

B

63	46	1
+	69	77 84
	45	43 25

Find an addition fact.

C

99	63	30
+	77	40 28
	15	34 78

Find an addition fact.

Equations:
Write the equation facts you found.

A		+	62	=	
B		+		=	46
C	63	+		=	

Can 458 be evenly divided by 9? Circle: 458 is evenly divisible by 9 458 is NOT evenly divisible by 9	12 x 7 =
8 x 3 =	Circle the smallest number: 3,419 9,167,580 457,930,168 26,057,823

Name: _____

$$\begin{array}{r} 4\frac{6}{7} \\ + \frac{9}{11} \\ \hline \end{array}$$

$$19 - \frac{2}{9} =$$

$$\begin{array}{r} \frac{2}{3} \\ + \frac{5}{7} \\ \hline \end{array}$$

Write the reciprocal.

19

$$2\frac{5}{6} \div 3\frac{1}{2} =$$

Write the reciprocal.

$$\frac{2}{14}$$

$$9 \times \frac{4}{9} =$$

Find the least common denominator.

$$\frac{3}{4} \text{ and } \frac{4}{11}$$

$$2\frac{1}{2} \times \frac{1}{5} =$$

$$9 + \frac{1}{2} + \frac{5}{12} =$$

Write the reciprocal.

$$\frac{7}{4}$$

Write the reciprocal.

$$\frac{7}{4}$$

Name: _____

The sum of two numbers is 5. The product of the same two numbers is 6. Which of these number pairs are the numbers?

- A) 5 and 3
- B) 11 and 4
- C) 8 and 7
- D) 3 and 2

$39 + 4 =$

- A) 34
- B) 43
- C) 95
- D) 123

9 ten thousands and 6 thousands =

- A) 69000
- B) 96000
- C) 600090

Estimate. $18 + 27 =$

- A) 30
- B) 9
- C) 20
- D) 50

$9000 - 300 =$

- A) 4,780
- B) 8,700
- C) 34,400
- D) 8,102

Michael's house has a garden that is in the shape of a square. If each side of the garden is 13 feet, then what is the perimeter of the garden?

- A) 26 feet
- B) 54 feet
- C) 101 feet
- D) 52 feet

Name: _____

$$4 - \underline{\quad} = 2$$

What is the missing number?

$$6 - x = 1$$

What is the value of x?

$$n + 31 = 39$$

Is the greatest common factor of 2 and 6 smaller, equal to, or greater than the least common multiple of 2 and 6?

$$7 + \underline{\quad} = 14$$

What is the missing number?

$$4 + x = 6$$

What is the value of x?

What is the greatest common factor of 6 and 2?

What is the greatest common factor of 21 and 18?

$$19 - x = 10$$

What is the least common multiple of 5 and 6?

What is the greatest common factor of 8, 20, and 16?

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.
 Every row must contain the numbers 1, 2, 3, 4, and 5.
 Every column must contain the numbers 1, 2, 3, 4, and 5.
 In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

2-		4	1-	1
2-	2-		1	3-
	2-	3	1-	
1-	2	4-		1-
2-		1	5	

Fill in the blanks. These equations are from the puzzle above.

2 - ____ = 1

5 - ____ = 2

____ - 2 = 2

3 - ____ = 2

____ - 3 = 1

____ - 1 = 1

5 - ____ = 3

____ - 3 = 2

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

2	9+	6+	4
	1234	1234	
2-		7+	
3	2	1234	1234
			7+
1234	1234	1234	1234
3-		2	
1234	1234		1234

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} + \underline{\quad} + 2 = 7$$

$$\underline{\quad} + 3 = 7$$

$$\underline{\quad} + 4 + \underline{\quad} = 6$$

$$\underline{\quad} + 2 + \underline{\quad} = 9$$

$$4 - \underline{\quad} = 3$$

$$3 - \underline{\quad} = 2$$

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

8, 88, 92, 1012, 1016, 11176, 11180, _____, _____, _____

6, 66, 70, 770, 774, 8514, 8518, _____, _____, _____

9, _____, _____, _____, _____, 12507

Complete each pattern. Write what the rule is.

58567, 56758, 75856, 85675, _____, _____, 56758,
75856, 85675, 67585, 58567, 56758, 75856, 85675213516, 351621, _____, _____, 351621, _____, 213516,
351621, 162135, 213516, 351621, 162135, 213516, 351621

Name: _____

Draw a line from START to END.

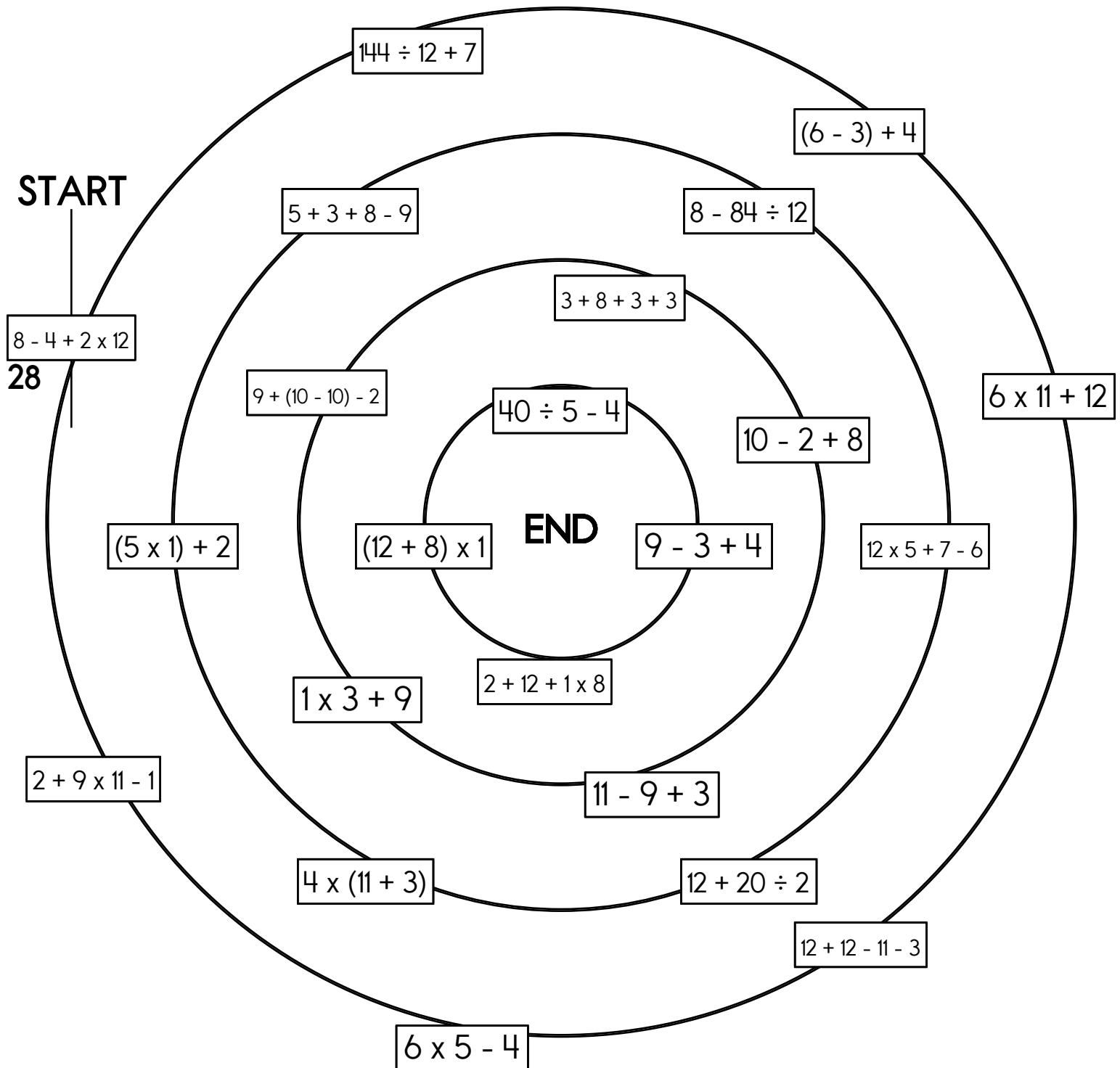
10

12

1

~~28~~

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



Name: _____

Four-fifths of a number equals 1,840. What is the number?

7,000 and 1,100,000 added to a number is 1,507,064. What is the number?

If eleven is added nineteen times to a number, the result is 225. What is the number?

The sum of twenty-five and forty-three is thirty-six more than a number. What is the number?

Name: _____

The Brown family went to the Farmers' Market and bought three bushels of peanuts. There were 2,477 peanuts in the first bushel, 3,167 peanuts in the second bushel, and 2,784 peanuts in the third bushel. How many peanuts were there in all?

A snow goose grows to 19 inches. A Canada goose may grow to 25 inches. How much longer does a Canada goose get than a snow goose?

Mary had some pieces of wood to make a picture frame with a perimeter of 96 inches. Two of the pieces of wood are 19 inches long each. The other two pieces are equal in length. How long are the other two pieces of wood?

On Wednesday, the students were divided into groups for the seed-spitting contest. There were 20 groups with 7 students in each group. How many students were there in all in the groups?

Frank's Fish Shack sold an estimated one million, two hundred seventy-five thousand, six hundred sixty-six worms over the past five years. Write in standard form the number of worms sold.

The total attendance at the Winter Wonderland Festival was thirty-eight thousand, one hundred twenty-nine. Write this number in standard notation.

Name: _____

Of the 27 students in Mr. Allen's class, $\frac{2}{3}$ like popcorn. Of those that like popcorn, $\frac{3}{4}$ of them like extra butter and salt. How many students like extra butter and salt?

Mrs. Martin used $\frac{1}{2}$ of a cup of flour to make some potato latkes. She used $\frac{1}{3}$ of a cup of flour to make a few more latkes. How much flour did she use in all?

Jacob has 34 living relatives. Of that number, 12 are more than 50 years old. What is the ratio of relatives over 50 to relatives 50 or younger?

Connor bought 13 packages of hot dogs for the National Hot Dog Month picnic. Each package weighed 14 ounces. How many pounds of hot dogs did he buy?

The top three finishers in the Freedom Week Run had times of 1.28 hours, 1.3 hours, and 1.42 hours. What was the time difference between 1st and 3rd places?

The circus starts at 7:30 p.m. It will take Sarah 18 minutes to walk to the circus. What time should she leave her house to be there when the circus starts?

$$7 \div \frac{1}{8}$$

The diameter of a circle is 1,550 cm. What is the radius of this circle?

A rectangle is 53 cm on one side and 9 cm on another side. What is the perimeter?

Name: _____

Hunter has a collection of baseball cards. He decided to separate them into teams. Then he gathered all the cards of National League teams together and all the cards of American League teams together. There are 322 National League cards and 192 American League cards. How many baseball cards does Hunter have in all?

Kayti sat down to read one of her books. She loved to read. Since Kayti was a mouse, her books were very small, only one inch high and one-sixth inch wide! Oh, but there were wonderful stories in them, no matter how small they were! Kayti read for 43 minutes, then she stopped to make tea. She read for another 39 minutes, and then stopped to have lunch. After lunch she read for 88 minutes and finished her book. How long did Kayti read in all? Express your answer in hours and minutes.

April is making 3 batches of cheese popcorn and 2 batches of caramel popcorn. She needs $\frac{1}{3}$ of a cup of popcorn for each batch. How many cups of popcorn does she need?

Mr. Johnson has a box of 5 fruitcakes to toss. One of the fruitcakes has been opened. The other 4 are sealed. If Mr. Johnson pulls one cake from the box, what is the probability that it has been opened?

Some adult groundhogs can weigh 15 pounds or more. Estimate the weight of a 13.7-pound groundhog in kilograms.

Name: _____

Mr. Brown needs to buy some fencing for his garden (too many rabbits have been getting in and eating the vegetables). If his garden is sixteen meters by thirty-one meters and is in the shape of a rectangle, what length of fence does he need to build?

A certain variety of rice has a grain length of 5.5 mm. Another variety has a grain length of 4.1 mm. What is the difference in average grain lengths of the two varieties?

What error did Mr. Bloop make when he subtracted 44.89 from 88.5 and got a difference of 43.79?

At Bongo Beach the waves were coming in at a rate of 44 waves per hour. How many waves were coming in per minute? Round your answer to the nearest hundredth.

As of 1997, Hoo Sateow of Chang Mai, Thailand, had the world's longest hair. At that time his hair was 203 inches long. Write the length of his hair in feet and inches.

If 10 apples at the Bigtown Grocery cost \$2.61, how much would 9 apples cost if they could be purchased for the same per apple price?

Name: _____

Alex is packing boxes of breakfast mixes in a carton. He has one box of blueberry pancake mix, one box of buttermilk pancake mix, one box of apple-cinnamon oatmeal, one box of maple oatmeal, one box of plain muffin mix, and one box of strawberry muffin mix. How many different sets can Alex make if each set consists of one box of pancake mix, one box of oatmeal, and one box of muffin mix?

Ava made 15 sugar cookies. She put red colored sugar on 2, blue sugar on 3, yellow sugar on 4, and green sugar on 6. She put the cookies in a bag and let each of her friends get one cookie without looking. What is the probability the first person will get a cookie with yellow sugar on it?

Emily built an octagonal aquarium. Each sheet of clear acrylic was 14 inches wide by 45 inches tall. The aquarium was taller than it was wide. What was the perimeter of the aquarium?

A school play (with three acts) started at 6:00 p.m. and lasted until 7:05 p.m. Half the time was spent on Act 1 and $\frac{1}{4}$ of the time was spent on Act 2. How many minutes were spent on Act 3?

During the past week, April's grub worm had grown from .31 inches long to a whopping .74 inches long. What was the percent increase? Round your answer to the nearest tenth of a percent.

Circle the greatest amount:

28%

0.21

$\frac{6}{25}$

$(7 + 3) - 9$

If $a = 6$ and $v = -24$ then what is the value of n ?

$11a - 8v - 2v = n$

Name: _____

Gavin and Nathan were celebrating Okay to be Lazy Day by doing absolutely nothing. After a couple of hours, though, they got bored. They decided that drawing circles couldn't really be work. They took turns seeing who could draw the smallest circle. Finally, Nathan gave up. Gavin had drawn a circle 0.095 inches in diameter. Round off the measurement to the nearest hundredth of an inch.)

Salads and Sprouts, a vegetarian restaurant, is preparing mandarin orange salad with field greens, sunflower seeds, and purple onions for lunch. Eight tablespoons of seeds are put in each large salad. If the salad chef prepares 35 large salads, how many tablespoons of seeds will he need?

It was such pandemonium. There were 1,410 cars stopped on the highway by an accident. If there were an average of 2 people in each car, how many people were waiting in the cars in all?

Sarah made 10 cherry pies for the school Pie Day sale. Six of the pies were sold. What fraction of the cherry pies were sold? Write the fraction in simplest form.

Groundhogs are pretty small animals. Kevin the groundhog weighs eight pounds seven ounces. Hunter the groundhog is younger and only weighs five pounds ten ounces. How much more does Kevin weigh?

Name: _____

In 2000, General Motors produced 1,988,851 passenger cars, not including trucks and SUVs. In 1994, GM produced 2,719,764 cars. To the nearest thousand, how many more cars did GM produce in 1994 than in 2000?

The tornadoes of March 31, 1973, in central and northern Georgia did \$5.18 billion worth of damage. The tornadoes of May 8 did \$370 million worth of damage in the Oklahoma City area. How much more damage did the Georgia tornadoes do?

In 1890 large numbers of German-born immigrants settled in New York (499,000), Illinois (338,000), and Minnesota (117,000). What was the average number of German-born immigrants that settled in these states?

Ms. Floop challenged her class thusly: "Give me any decimal number and I'll quickly give you a number back to multiply it by and you will always get 1 as a result." Sure enough, she could do it in a matter of seconds. How?

Megan's recipe for apple fritters makes twelve fritters and uses two-thirds of a cup of milk. Megan wants to make four fritters. How much milk will she need?

To get some change to have available for the family garage sale, Anne went to the bank and exchanged \$35.75 for quarters. How many quarters did she get?

Name: _____

Nathan was selling candy bars for a school fundraiser. He left home with N candy bars on Saturday morning, and after selling to his friends and neighbors, he came back with 29 candy bars. A quick calculation told him that he sold 40 candy bars that day. What equation would represent the situation of beginning with N bars, selling 40, and having 29 left?

Peter wanted to create a computer program to simulate a probability game. The game was based on removing colored marbles from a bag. He experimented with an actual bag of marbles a bit before beginning to write his program. In one example he thought about, there were 10 marbles in the bag -- 2 red, 3 blue, and 5 green. He removed one blue marble from the bag. If he then took a marble at random from the bag, what is the probability it would be blue?

Let z represent the cost of a widget. If you order widgets from the Universal Widget Company, you will pay z dollars per widget plus a \$23 set up fee for manufacturing them. If $z = \$1.75$, how much would you pay for an order of 150 widgets?

Beatrix Potter was born in 1866. Write the prime factorization of the year of her birth.

Mr. Bloop graded nearly all the math tests on Saturday. He had $1\frac{1}{2}$ of a dozen to go. When he started, he had 73 tests to grade. How many does he have left?

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME**
☐
(Check the
box after
you play.)**MY SCORE**



How many meters are
there in 102 kilometers?

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

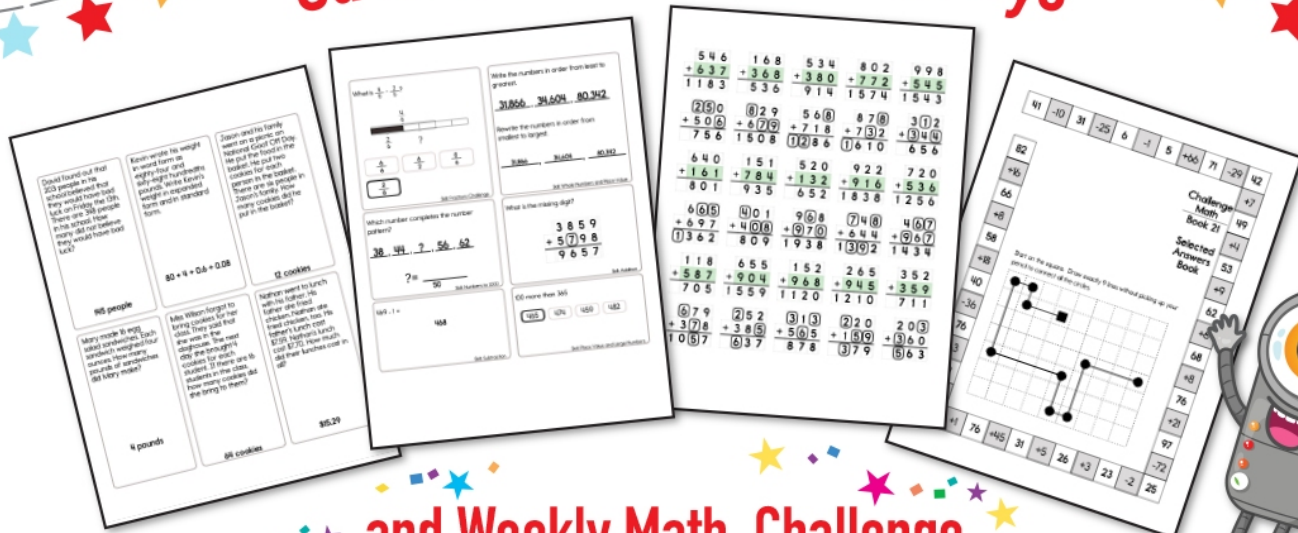
$$9\frac{5}{6} + 2\frac{1}{6}$$

64 divided by 8 equals

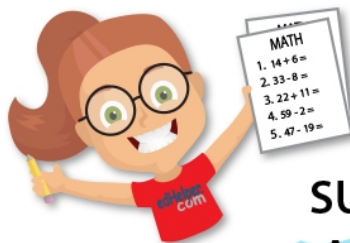
How many centimeters in
420.7 meters?

How many minutes is it
from 9:00 a.m. to 10:50
a.m.?

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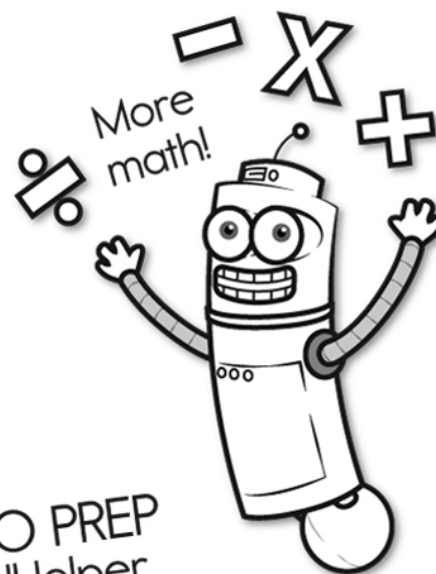
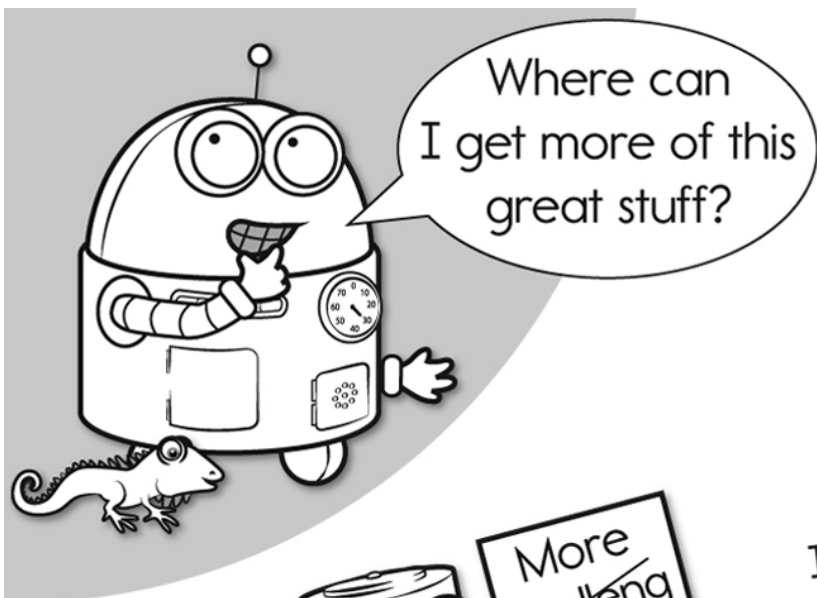
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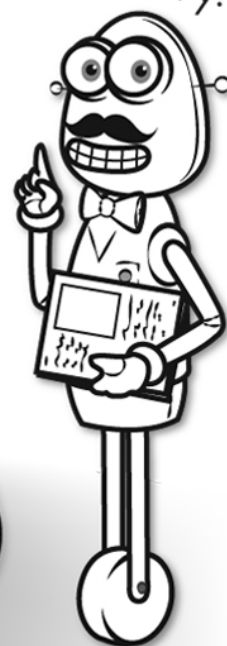


It's NO PREP at edHelper.

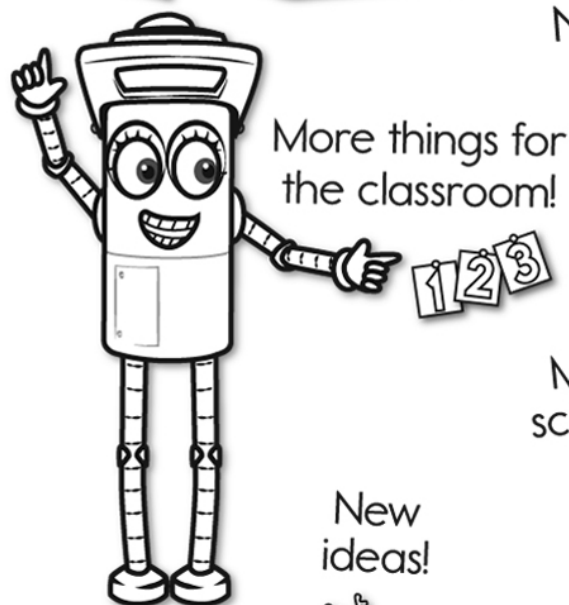
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\times
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 $- \div$
 $< - >$

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