

Name: _____

Complete each pattern.

3, m, m, 2, 2, 3, m, m, 2, __, 3, m, m, 2, 2, 3

R, j, i, 6, 6, R, j, __, __, 6, R, j, i, 6, 6

1, 1, c, 1, 1, __, __, 1, c, 1, 1, c, 1, 1

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 11 = 11$$

$$2, 16 = 32$$

$$3, 19 = 57$$

$$4, 22 = 88$$

Then

$$5, 24 = ?$$

If

$$5, 5 = 25$$

$$6, 10 = 60$$

$$7, 15 = 105$$

$$8, 20 = 160$$

Then

$$9, 22 = ?$$

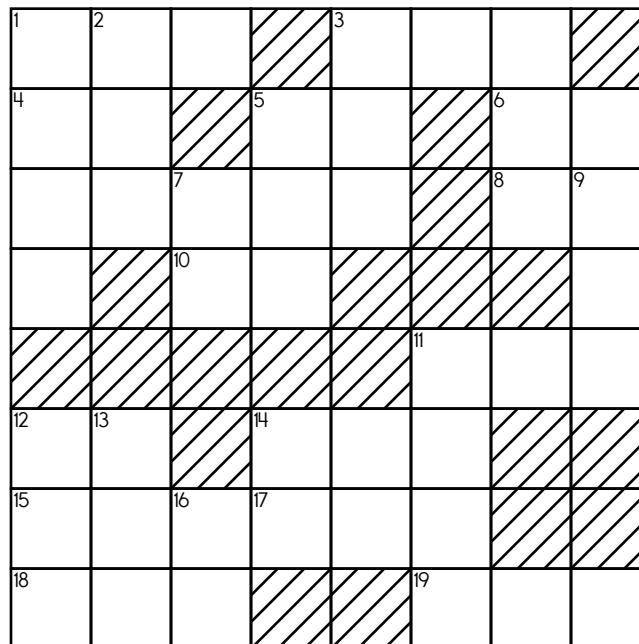
Name: _____

ACROSS

DOWN

1. Six times 6-Across
3. Five less than 5-Down
6. $3 + 19$
7. Six more than 3-Across
11. Five less than 19-Across
12. One-fourth of 16-Down
14. 8-Down plus 17-Across
17. Nine less than 11-Across
18. 14-Across plus 3-Down
19. **Nickels in ten dollars**

2. Three more than 13-Down
3. Two more than 4-Down
4. Seven less than 17-Across
5. 8-Down plus 11-Across
8. One more than 10-Down
9. 11-Across plus 19-Across
10. $4 + 4 = 2 \times \underline{\hspace{1cm}}$
13. 3-Down plus 17-Across
15. Nine less than 6-Across
16. Four times 15-Down



10 kg = _____ g

Circle the greatest number:

428,967,013

265,983,704,176

82,752

451,039

$$\begin{array}{r} 30 \\ + 24 \\ \hline \end{array}$$

Circle the digit in the hundredths place.

392.721

$$\begin{array}{r} 94 \\ - 60 \\ \hline \end{array}$$

$$\begin{array}{r} 519 \\ - 424 \\ \hline \end{array}$$

word root **post** can mean **after**

postscript

Name: _____

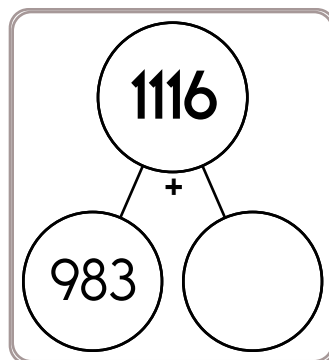
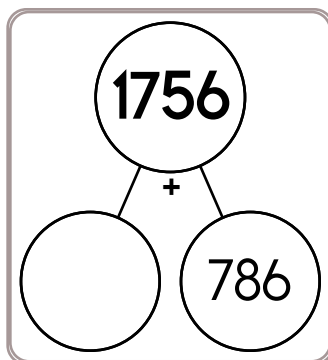
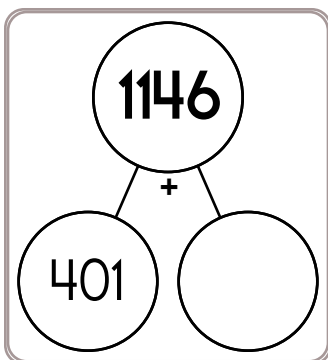
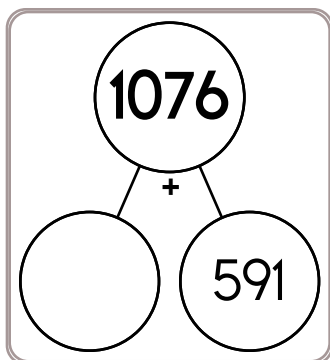
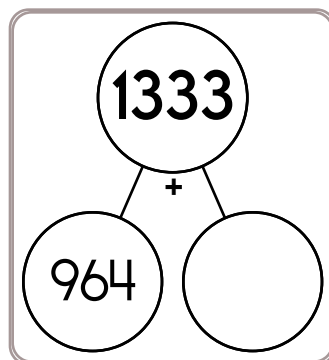
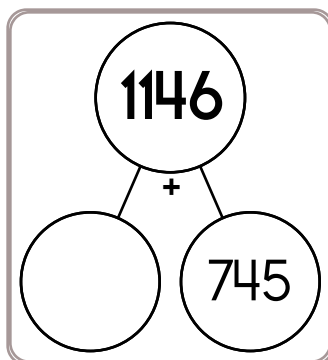
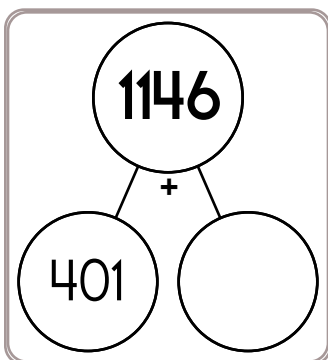
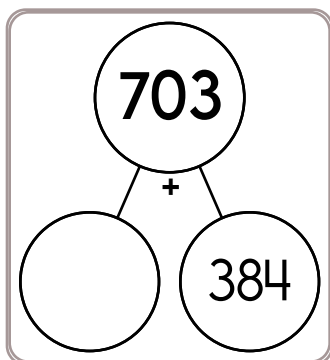
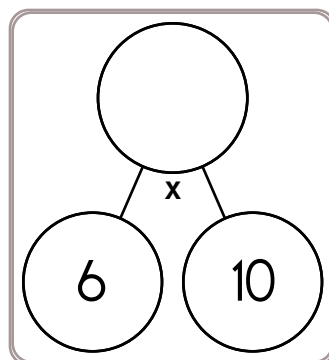
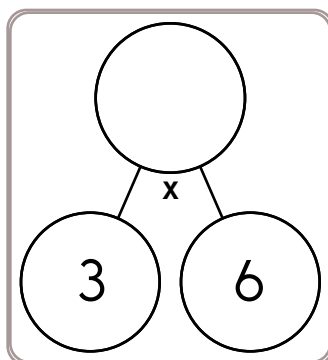
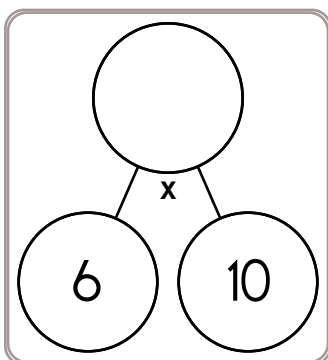
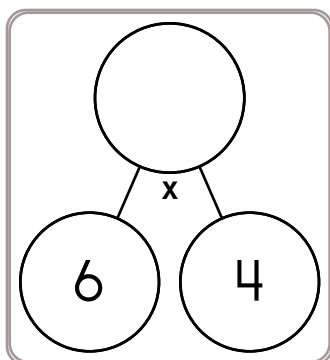
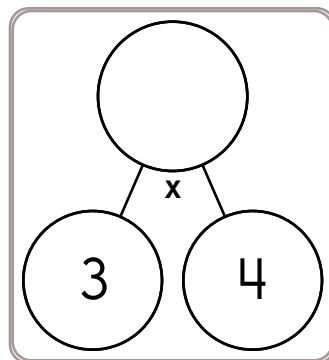
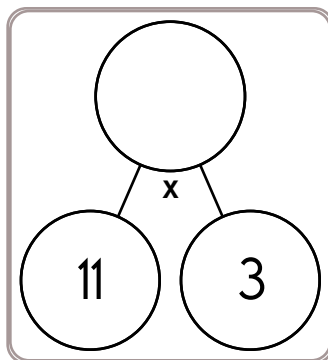
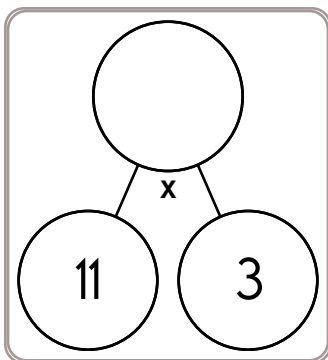
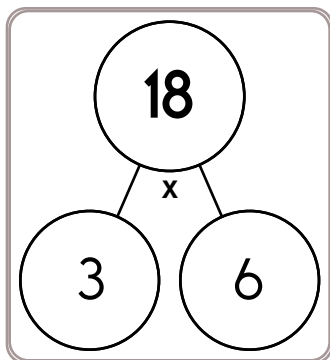
Nathan earns \$5.25 per hour for babysitting and \$4 per hour for yard work. He worked 8 hours last week -- 6 hours of babysitting and 2 of yard work. He saved all his money to take his parents to a movie. How much money did he save?

Mr. Garcia said that only 2 out of 25 dogs are chosen to pull sleds in the Iditarod. If that were true, how many dogs out of 72 would be chosen?

Hunter is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 15, which will make 15 cookies. The problem is that he needs to make 123 cookies for his party, and his oven can only fit one cookie sheet at a time. How many times will he have to put a cookie sheet into the oven to make enough cookies?

Rose has 65 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Name: _____



$$\begin{array}{r} 488 \\ - 228 \\ \hline \end{array}$$

$$\begin{array}{r} 400 \\ - 232 \\ \hline \end{array}$$

$$\begin{array}{r} 768 \\ - 185 \\ \hline \end{array}$$

$$\begin{array}{r} 831 \\ - 721 \\ \hline \end{array}$$

$$\begin{array}{r} 988 \\ - 274 \\ \hline \end{array}$$

Name: _____

Robert had 53 firecrackers. He traded 27 of his firecrackers for sparklers. Write an expression to show how many firecrackers he has left.

Mrs. Martin put 3 pieces of fried chicken on each plate at the picnic. How many pieces of chicken did she use to prepare 5 plates?

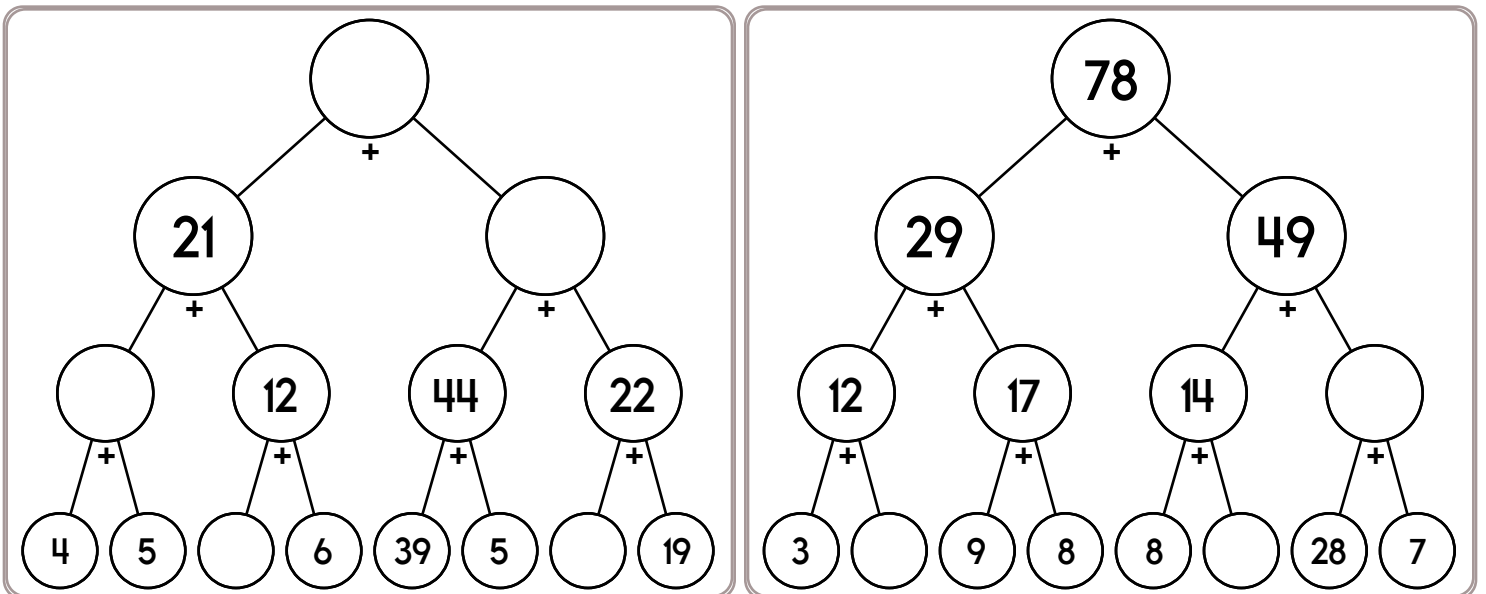
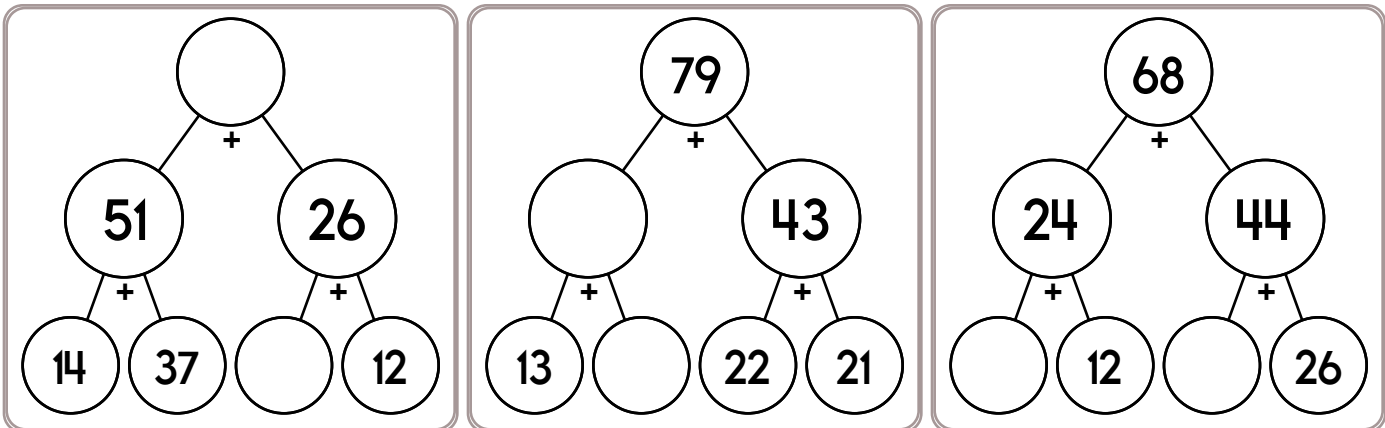
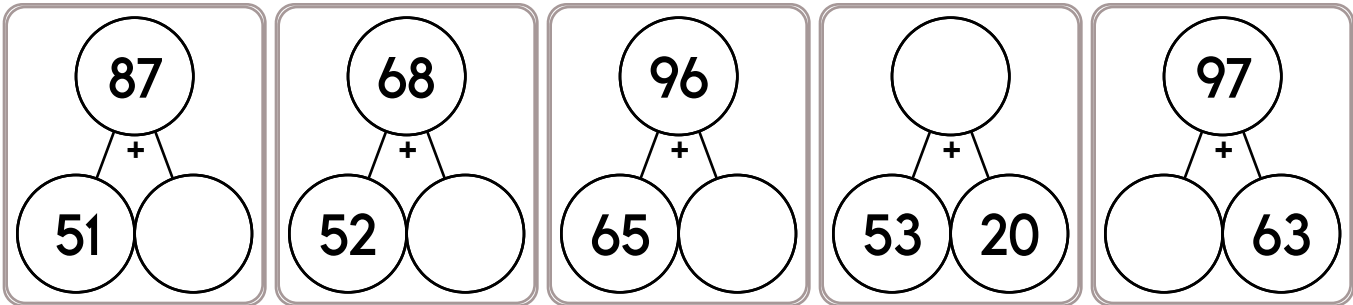
Which number has more factors: 27 or 29?

Circle the bigger number. Put a square around the smaller number.

5 tenths

62.8 hundredths

Name: _____



Write as a decimal.

$$16 \frac{17}{100}$$

Write as a decimal.
Eighteen and eight tenths

Write as a decimal.
One hundred eighty-five thousandths

Name: _____

Connor has an appointment with his doctor at 3:00 p.m. He has to get a physical so he can play football. It is 1:42 p.m. now and it will take him 50 minutes to get to the doctor's office. How long can he play a video game before he has to leave to get to the appointment on time?

There are 10 stacks of books on the table. There is 1 book in the first stack, 4 books in the second stack, 9 books in the third stack, and 16 books in the fourth stack. Following the same pattern, how many books are in the 10th stack?

Ms. Allen's class made 37 books for the first grade students. There were 8 stories and 16 pictures in each book. The students wrote the stories and drew the pictures. How many pictures were there in all?

Max felt foolish. Everyone else in class was dancing like a chicken. Max thought they looked silly. Anyway, it was almost time to go. It was 3:40 p.m. Only 20 more minutes and he could escape. What time is the class over?

Robert needs three new pairs of jeans for school. The kind he likes is on sale at Fantastic Finds for \$19.95 per pair. He found three pairs in his size and paid for them with a \$100 bill. How much change did he receive?

Groundhogs are pretty small animals. Gavin the groundhog weighs eleven pounds eight ounces. Justin the groundhog is younger and only weighs four pounds nine ounces. How much more does Gavin weigh?



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Find the GCF using the Birthday Cake method.



2	20	48	3	33	24
2	10	24	GCF: _____		
5	12				
GCF: $2 \times 2 = 4$					

5	35	25	2	72	42	8	160	112
GCF: _____			GCF: _____			GCF: _____		

35	90	20	40	39	42
GCF: _____		GCF: _____		GCF: _____	

24	14	38	14	34	26
GCF: _____		GCF: _____		GCF: _____	



Name: _____

Spin again.

I needed to spin _____ time(s) to finish.

Find the GCF using the Birthday Cake method.

3	18	21	15
	6	7	5
GCF: $3 = 3$			

4	40	48	36
GCF: _____			

3	24	30	21
GCF: _____			

3	24	15	21
GCF: _____			

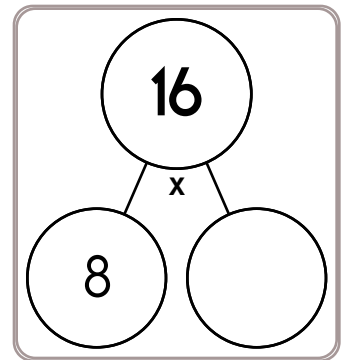
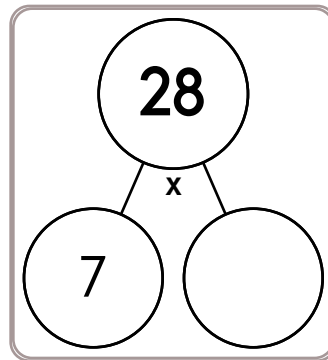
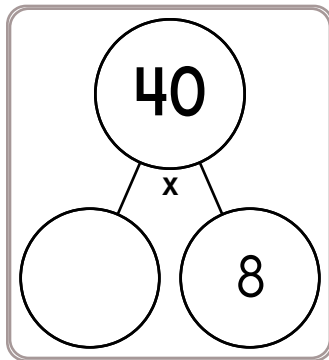
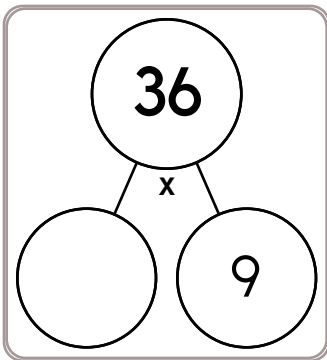
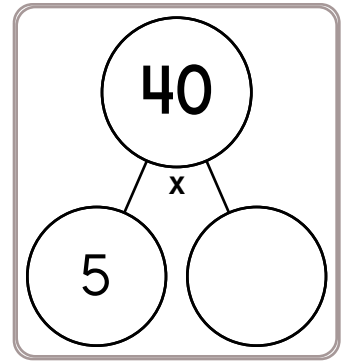
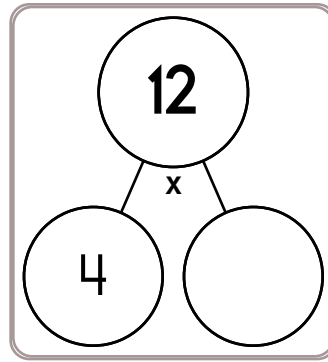
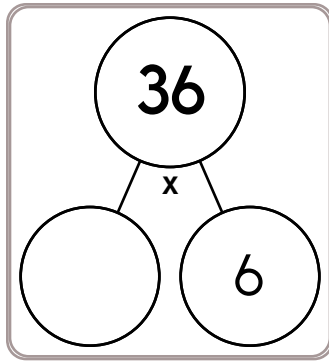
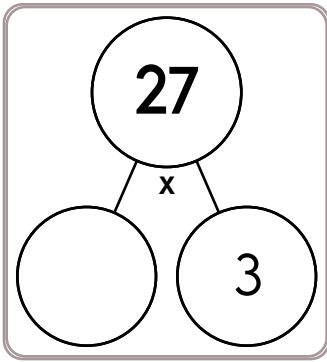
36	108	120
GCF: _____		

96	108	54
GCF: _____		

32	60	76
GCF: _____		

33	36	48
GCF: _____		

Name: _____



$$5 \overline{) 35}$$

$$6 \overline{) 30}$$

$$5 \overline{) 20}$$

$$2 \overline{) 4}$$



$$24 \div \underline{\quad} = 12$$

$$35 \div \underline{\quad} = 5$$

$$\underline{\quad} \div 10 = 12$$

$$\underline{\quad} \div 10 = 9$$

$$\underline{\quad} \div 9 = 4$$

$$\underline{\quad} \div 8 = 8$$

$$49 \div \underline{\quad} = 7$$

$$60 \div \underline{\quad} = 6$$

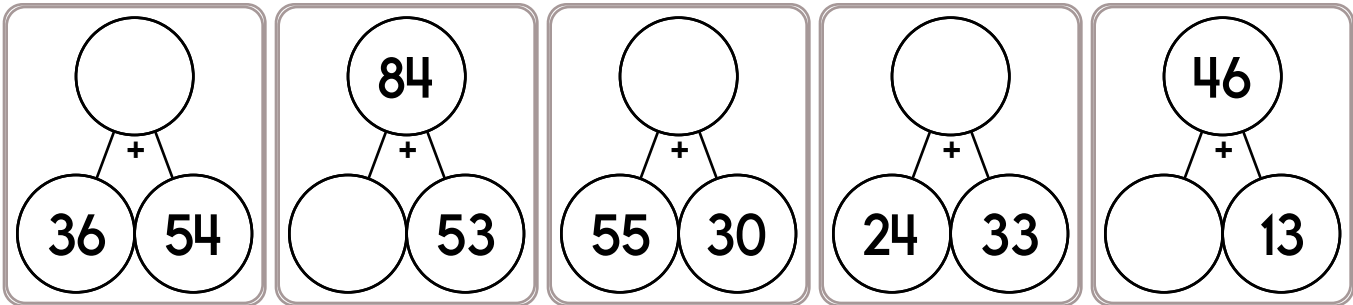
$$\underline{\quad} \div 11 = 8$$

$$\underline{\quad} \div 5 = 4$$

$$132 \div \underline{\quad} = 11$$

$$80 \div \underline{\quad} = 10$$

Name: _____



It was 4 degrees below zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

Estimate quickly the difference.
 $6,780 - 1,350$

Write $\frac{3}{15}$ in lowest terms.

$$8\frac{1}{3} + 3\frac{1}{3}$$

How many centimeters in 9.6 meters?

I, L, _____, O, K, R, L,
U, M, X

Circle the three numbers whose product equals 900.

8 10 3

10 9 10

100 divided by 10 equals

It was 90 degrees outside. What would the temperature be if it got 23 degrees colder?

The perimeter of a rectangle is 22 cm. The longer side is 9 cm. How long is the shorter side?

The diameter of a circle is 1,180 cm. What is the radius of this circle?

What 3 coins add up to 40 cents?

Name: _____

Which two of the fractions have a difference of $\frac{5}{12}$?

$$\frac{7}{9}$$

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

$$\frac{1}{4}$$

$$\frac{2}{4}$$

$$\frac{6}{11}$$

Find the product of 8 and 3.

$$6 \times 3 + 9$$

Name the shape with eight sides and eight angles.

53, 68, 83, 98, 113,
_____, 143, 158, 173, 188

3, 3, 2, 2, 2, 3, 3, 3, 2,
2, 2, 3, 3, 3, 3, 2, 2,
2, 3, 3, 3, 3, 3, 2,
_____, 2, 3, 3

15 is a multiple
of 5 and 3.
20 is a multiple
of ____ and ____.
18 is a multiple
of ____ and ____.

Name: _____

Put a circle around the smallest number. Put a square around the largest number.

What is the difference between the largest and smallest numbers?

8.160

8.226

8.16

8.21

8.222

$$5 + -3 =$$

$$-13 + -7 =$$

$$-3 - -1 =$$

What number is halfway between 57 and 63?

How many total legs are on 2 tigers and 5 owls?

Round 33 to the nearest ten.

How many feet are in 96 inches?

_____ feet

1 km = 1,000 m

29 km = _____ m

Name: _____

<p>Peter wants to be a police officer. He meets all the requirements but one -- he can't do 38 sit-ups. He can only do 26 sit-ups at once. What is the ratio of the number of sit-ups he has to do to the number of sit-ups he can do? Write your answer as a fraction in lowest terms.</p>	<p>The groundhog came out of his burrow for only 0.51 minutes. Write that number as a fraction.</p>	<p>Mr. King works for a company that makes all kinds of pretzels. He works 40 hours each week. If he gets paid \$12.35 per hour, how much will he be paid for working for 6 weeks?</p>
---	---	--

<p>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.</p>	$12 \div 4 =$	$\begin{array}{r} 406 \\ + 222 \\ \hline \end{array}$
	$6 \times 11 =$	
	$12 \times 3 =$	
$35 \div 5 =$		

Name: _____

Emily is making up her own calendar. The first month of her weird calendar is called Gaffy. To make matters worse, she is giving Gaffy a total of twenty days. What is the least number of Saturdays that can occur during Gaffy? Show the month of Gaffy.

How many digits are in the number of days in the current month?

Write the missing family fact.

$$5 \times 27 = 135$$

$$135 \div 5 = 27$$

$$27 \times 5 = 135$$

Anne will win if a random number pulled out of a box is an even number. 36 pieces of paper, numbered 1 to 36, are put inside a box. What is the chance that Anne will win?

Circle the smallest number:

864,013

96,063,250,841

7,321,584

97,972

Name: _____

Jessica was given four numbers: 7, 9, 2, and 4. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than three-fourths?

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.

Can 654 be evenly divided by 9? Circle:
654 is evenly divisible by 9
654 is NOT evenly divisible by 9

Amanda is getting messy. She has made a 1' x 3' x 1' cube made out of clay blocks. She wants her art project to have at least a surface area of 9 square feet. Does she need to add more clay?

For 74,197,087,800,980, write the digit that is in the hundred thousands place.

$$120 \div 12 =$$

Insert a comma in the correct place in this sentence.

You didn't make a C on the test did you?

Write a letter that has two or more lines of symmetry.

Write an equation to represent this:

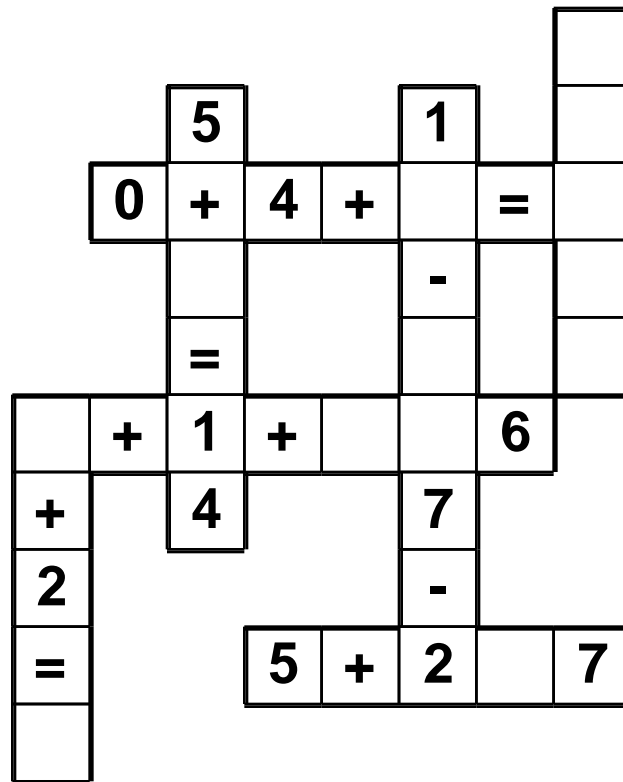
The product of five and ten is fifty.

Write 77,192 in words.

Name: _____

1 • + • 3 • 7 • 9 • = • 8 • 8 • 0 • 5 • = • = • 2

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



Can 513 be evenly divided by 3? Circle:
513 is NOT evenly divisible by 3
513 is evenly divisible by 3

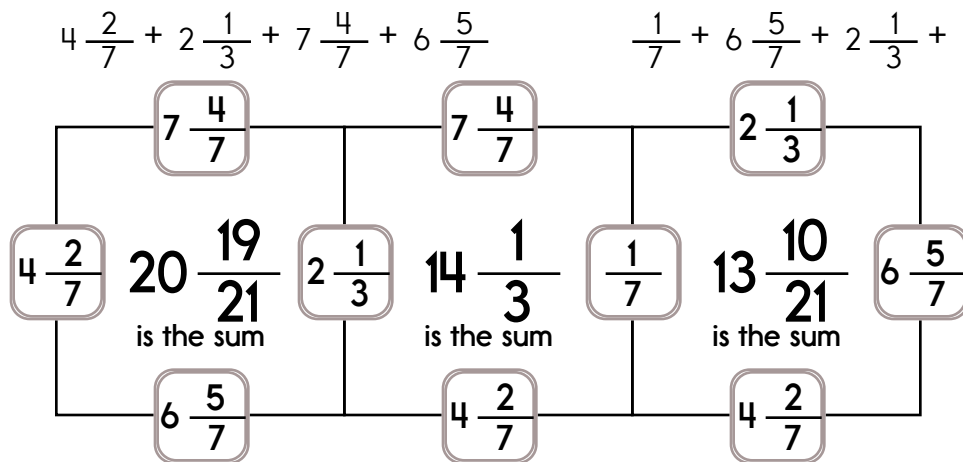
Robert invented a robotic bug. The bug can crawl five centimeters in fifteen seconds. How long would it take the bug to crawl forty-three centimeters?

Write a letter that has a line of symmetry.

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

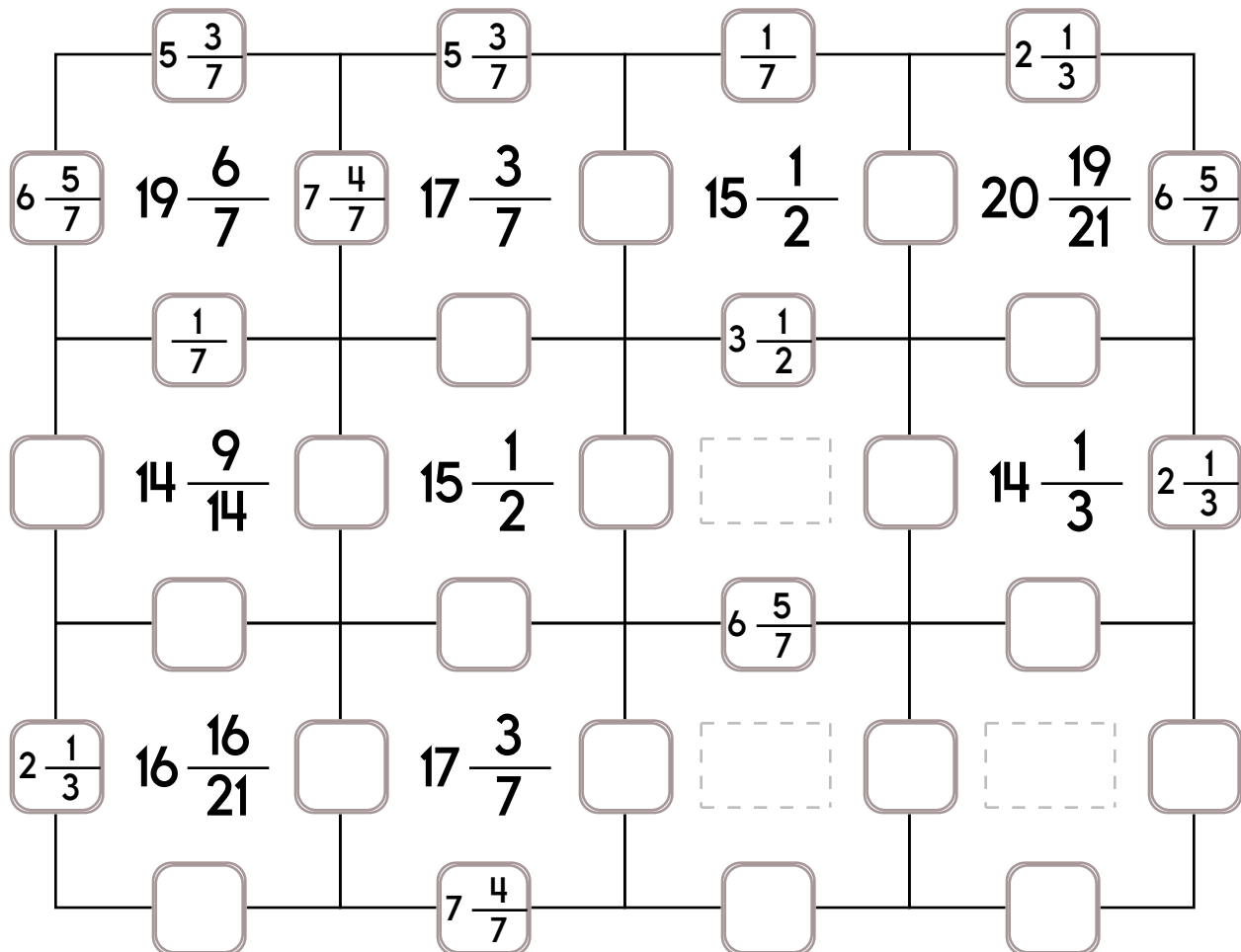
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $5\frac{3}{7}$, $2\frac{1}{3}$, or $3\frac{1}{2}$.

The other three numbers have to all be DIFFERENT and must be from these: $\frac{1}{7}$, $6\frac{5}{7}$, $4\frac{2}{7}$, or $7\frac{4}{7}$.



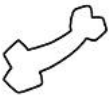







Exactly one of the four numbers has to be one of these numbers: $8\frac{2}{5}$, $9\frac{5}{7}$, or $9\frac{1}{2}$.

The other three numbers have to all be DIFFERENT and must be from these: $2\frac{4}{5}$, $4\frac{1}{5}$, $1\frac{3}{5}$, or $7\frac{2}{5}$.

$7\frac{2}{5}$	$9\frac{5}{7}$		
$1\frac{3}{5}$	$20\frac{1}{5}$	$2\frac{4}{5}$	$24\frac{4}{35}$
$8\frac{2}{5}$			
		$20\frac{1}{5}$	17
$21\frac{3}{5}$		$21\frac{18}{35}$	$18\frac{11}{35}$
$20\frac{1}{5}$		$22\frac{7}{10}$	$18\frac{1}{10}$
17		$22\frac{7}{10}$	

Name: _____

Puzzle:

			288
2			162
			160
72	576	180	X

Work Area:

			288
2			162
			160
72	576	180	X

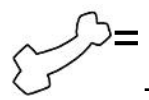
The product for each column and row is given. Blanks use numbers 2 to 9 only.



= _____



= _____












= _____



= _____

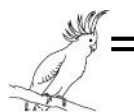
Puzzle:

			20
			75
			12
30	20	30	X

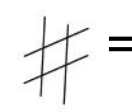
Work Area:

			20
			75
			12
30	20	30	X

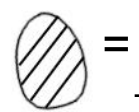
The product for each column and row is given. Blanks use numbers 2 to 9 only.



= _____

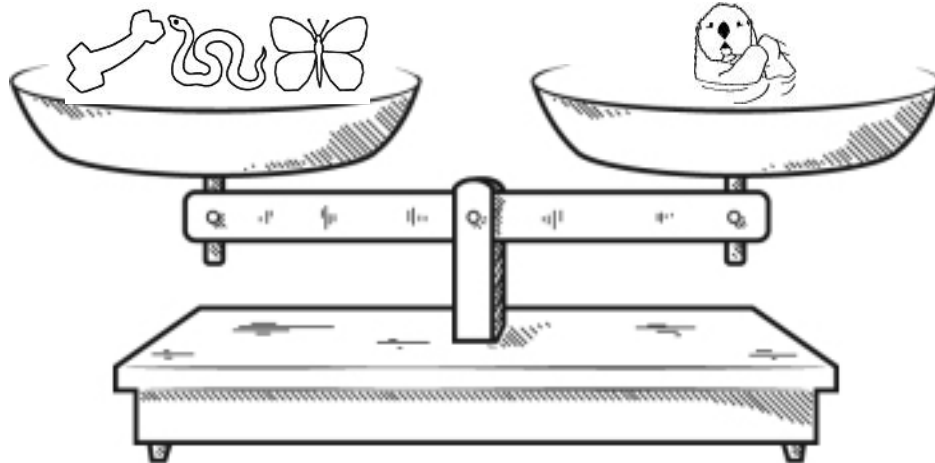


= _____




= _____

Name: _____




It may help to give values to pictures.




 = 11

 = 3

 =




 =

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

 <  

☐ True

☐ False

 >  

☐ True

☐ False

   > 




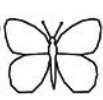
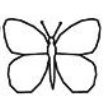


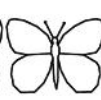
☐ True

☐ False

 =   




☐ True

☐ False

     =   

☐ True

☐ False

    =    

☐ True

☐ False

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

word root **iso** can mean **equal**

isotope, isosceles

Name: _____

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

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

Write the words found.

RIOTS	GRAY	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

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

Write the words found.

DIAMOND	APPLES	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name: _____

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

SORDID

base
petty
humble
organized
comely

REPLICATE

derogate
vitiate
imitate
bequeath
redo

MALICE

crystalline
laughter
peril
royal home
ill will

BAR

admit
block
exhaust
protect
expunge

MEEK

timid
foreboding
happy
daunting
practical

VOGUE

fashionable
smart
questionable
murky
outdated

FERVENT

tiring
creative
bored
passionate
outdated

STRIDENT

fast paced
melodic
blurry
shrill
progressive

DEBILITATED

weakened
free
empowered
attentive
vilified

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

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

Name: _____

Words can be to the RIGHT, DOWN, LEFT, or UP. Every letter is used ONCE.

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

Write the words found.

EXTINGUISH	BALL	

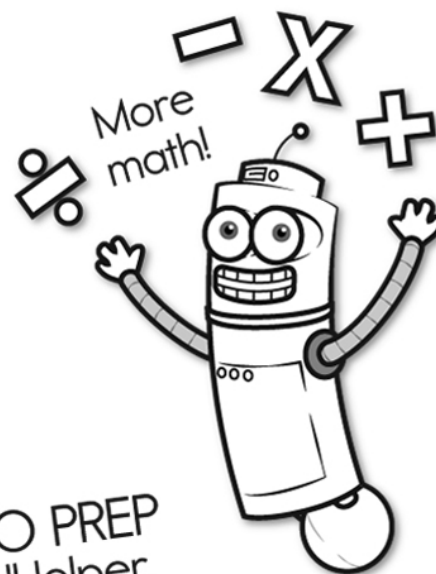
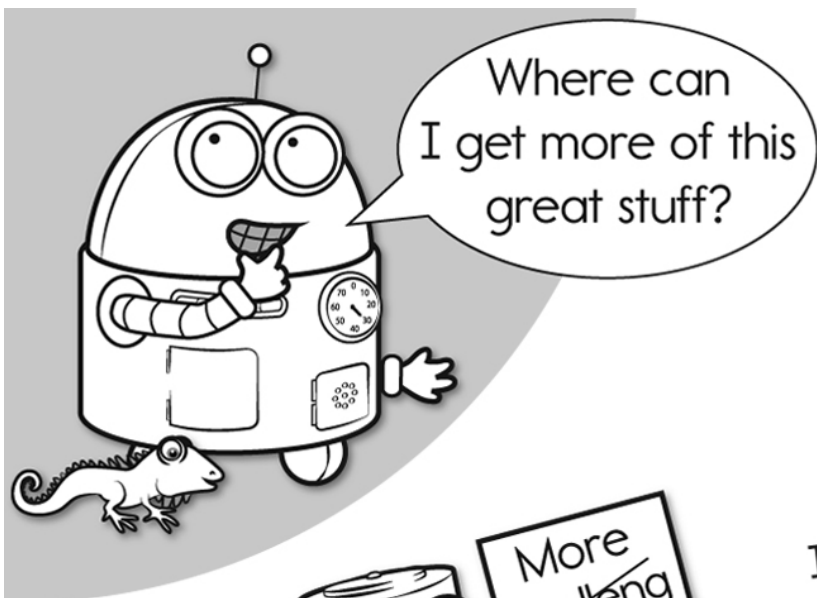
Wendy will win if a random number pulled out of a box is a number divisible by 5. 21 pieces of paper, numbered 32 to 52, are put inside a box. What is the chance that Wendy will win?

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

five hundred forty-nine thousand one hundred twenty-one

Justin bought 10 sea monkeys for \$12.75. To the nearest dollar, how much did his purchase cost?

$10 \times 6 =$

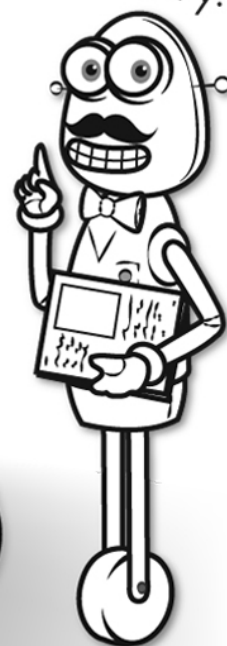


It's NO PREP at edHelper.

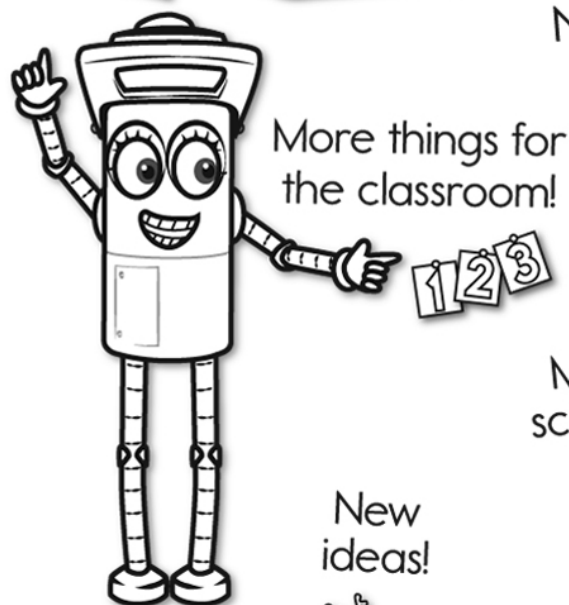
More history!



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More science!

New ideas!



\times
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More puzzles!

