



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

Ready for a challenge? See how long this takes.

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

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

30, \_\_\_\_\_, 36, 39, 42, 45,  
48, 51

Round 90,881 to the  
nearest hundred.

How much money is 1  
quarter, 8 dimes, 1 nickel,  
and 1 penny?

16, 20, 24, 28, 32, \_\_\_\_\_,  
40, 44, 48

81 divided by 9 equals

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

$$12 \div \frac{1}{6}$$

How many minutes is it  
from 7:00 a.m. to 10:20 a.m.?

Estimate quickly the  
difference.  
 $6,740 - 2,550$

How much time is it from  
6:00 a.m. to 10:40 a.m.?

$$12 \times 1 + 12 \times 11$$

It was 78 degrees outside.  
What would the  
temperature be if it got 21  
degrees colder?

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

Write an expression.

Add 12 to  $v$

$$v + 12$$

Write an expression.

Multiply 2 by  $w$

Write an expression.

Divide  $t$  by 7

Write an expression.

Subtract 5 from  $p$

Write an expression.

Divide  $2x$  by 4

Write an expression.

14 more than  $9m$

Evaluate when  $q = 6$ .

$$3q - 14$$

Evaluate when  $d = 5$ .

$$2d + 5$$

Evaluate when  $y = 9$ .

$$3y + 14 + 3y$$

Evaluate when  $w = 9$ .

$$\frac{12w}{3} - 5$$

Evaluate when  $x = 8$ .

$$4x + 13,144$$

Evaluate when  $v = 116$ .

$$\frac{4 + v}{12}$$

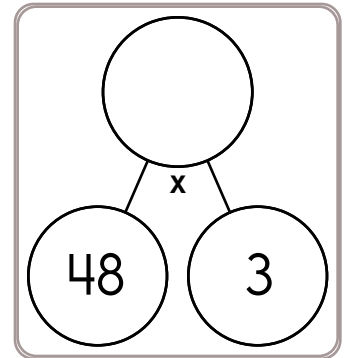
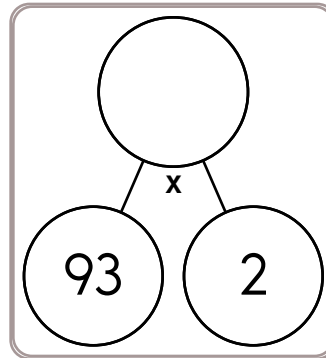
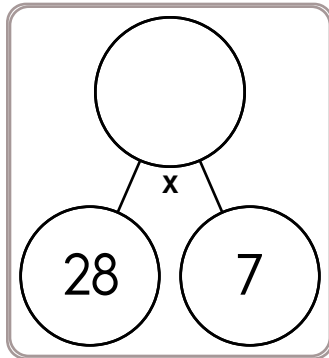
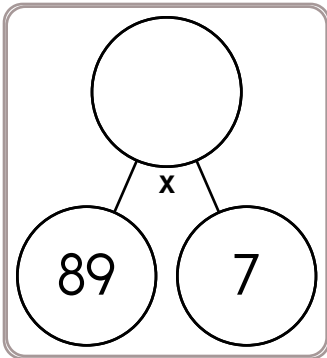
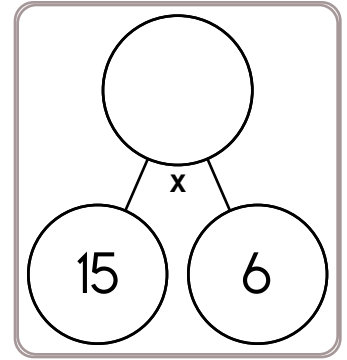
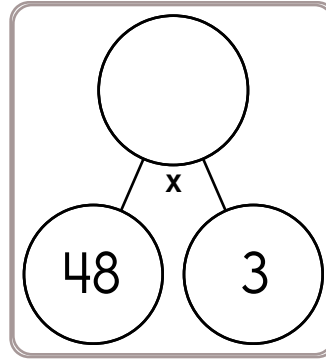
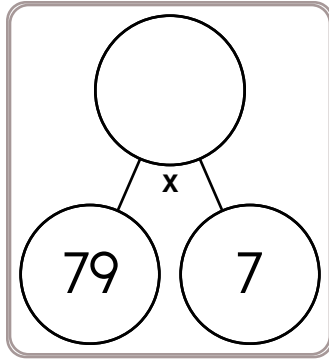
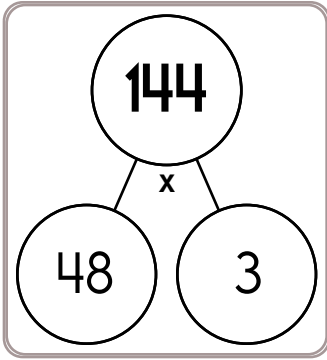
Name: \_\_\_\_\_

Jason and Anna volunteer at the thrift shop during the summer. Jason works every fourth day beginning June 5. Anna works every third day beginning May 25. Find the first day they will work together.

Mary was moving decorative rocks from one part of the garden to another. She was able to carry about 50 pounds per load in a wheelbarrow she was using. If she had  $2\frac{1}{2}$  tons of rocks, how many loads did she need?

Justin bought 4 books about mules. He received \$4.04 back in coins. He has 10 quarters, half as many dimes as quarters, 4 times as many nickels as dimes, and the rest are pennies. How many of each coin does he have?

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



$$\begin{array}{r} 982 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 614 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 209 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 109 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 255 \\ - 81 \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 309 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 511 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 596 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 419 \\ - 34 \\ \hline \end{array}$$



$$\underline{\quad} - 65 = 631$$

$$766 - \underline{\quad} = 690$$

$$\underline{\quad} - 41 = 327$$

$$284 - \underline{\quad} = 227$$

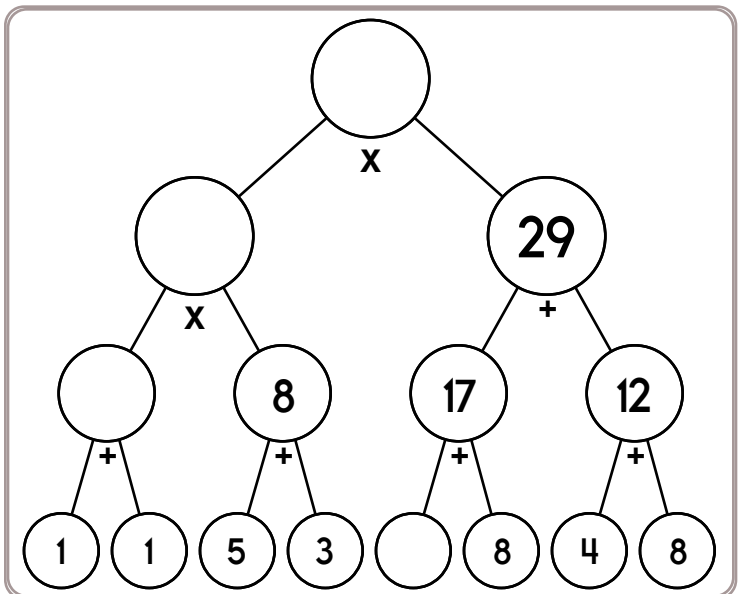
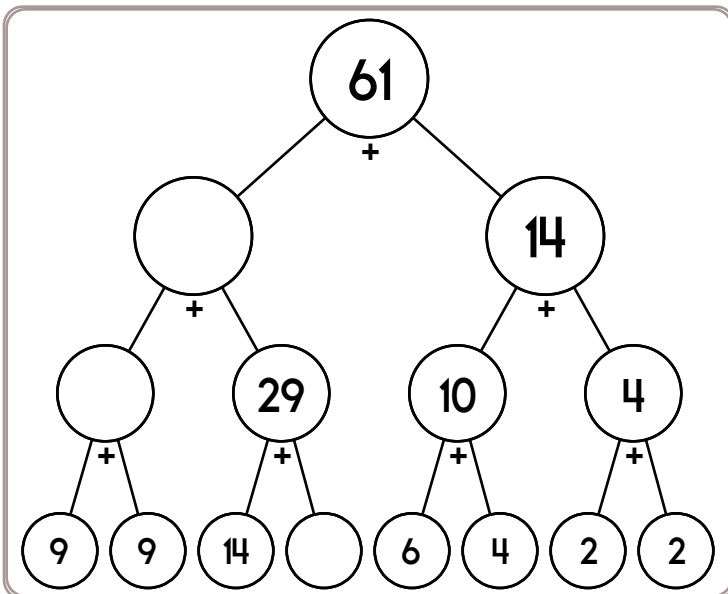
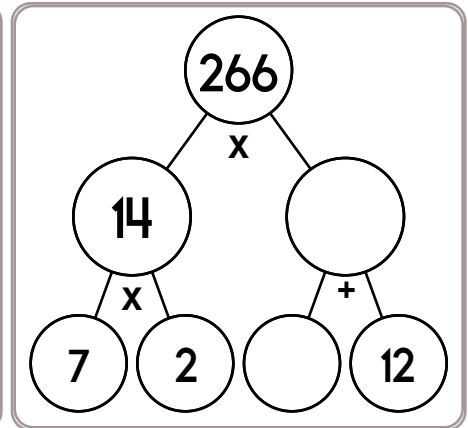
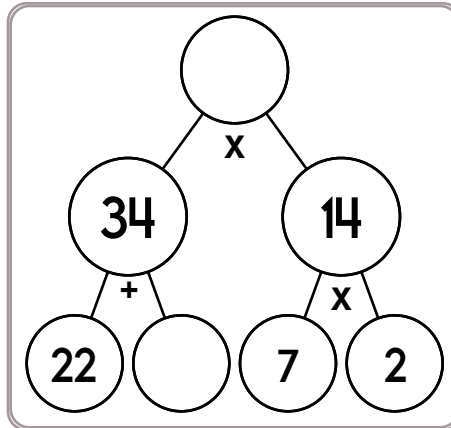
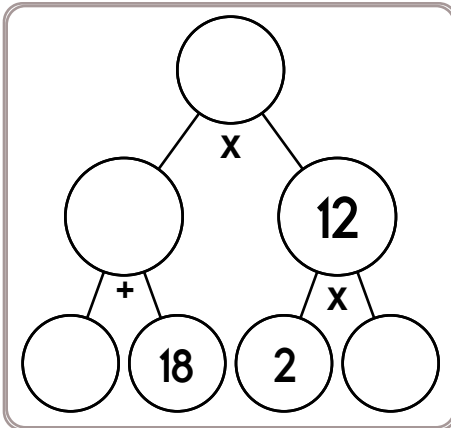
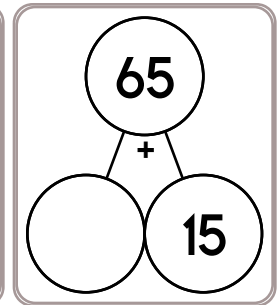
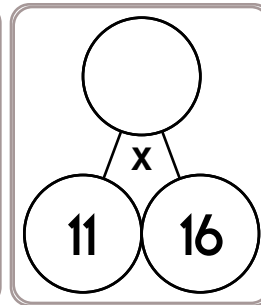
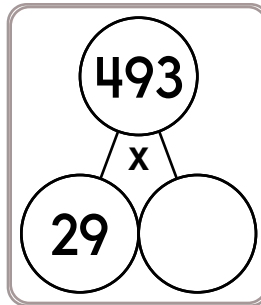
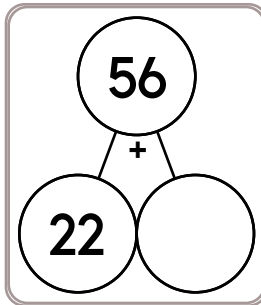
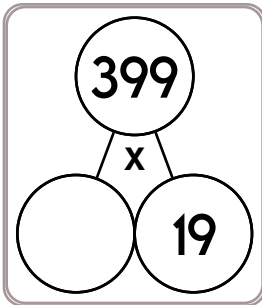
$$893 - \underline{\quad} = 868$$

$$\underline{\quad} - 80 = 626$$

$$342 - \underline{\quad} = 305$$

$$\underline{\quad} - 88 = 576$$

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

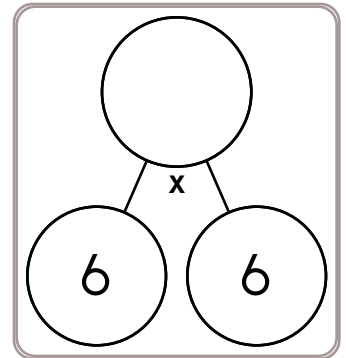
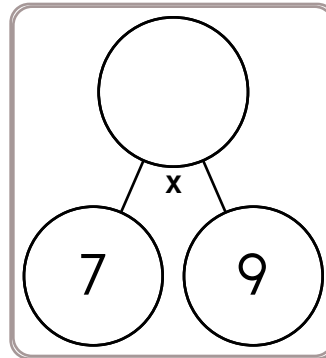
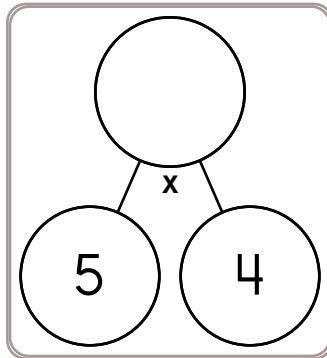
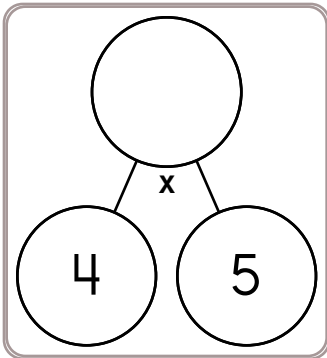
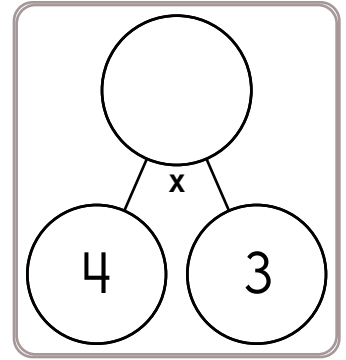
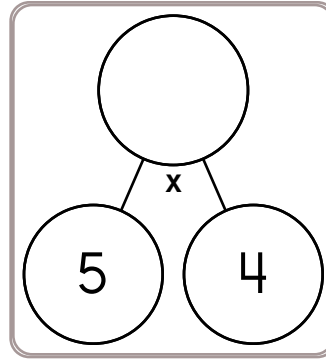
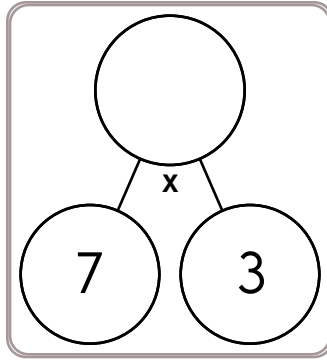
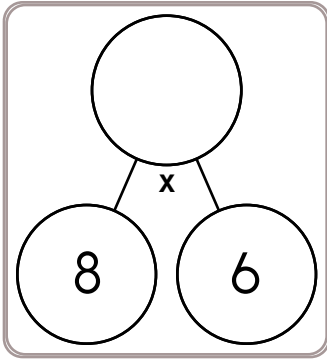


$t - 13 + 6 = 11$   
What is the value of  $t$ ?

$t - 6 + t = 36$   
What is the value of  $t$ ?

$0.6 (0.4 (0.6 \times 7)) =$

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



$4 \times \underline{\quad} = 44$

$\underline{\quad} \times 9 = 81$

$3 \times \underline{\quad} = 27$

$\underline{\quad} \times 4 = 8$

$\underline{\quad} \times 12 = 120$

$8 \times \underline{\quad} = 80$

$8 \times \underline{\quad} = 48$

$\underline{\quad} \times 12 = 108$

$\underline{\quad} \times 12 = 36$

$12 \times \underline{\quad} = 60$

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

$\underline{\quad} \times 6 = 18$



$7 \times 9 =$

$6 \times 2 =$

$9 \times 8 =$

$5 \times 6 =$

$2 \times 8 =$

$3 \times 6 =$

$6 \times 4 =$

$3 \times 7 =$

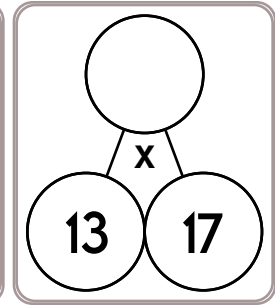
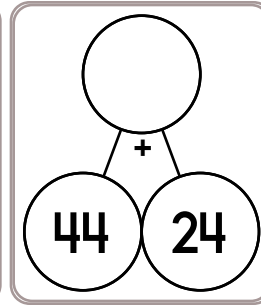
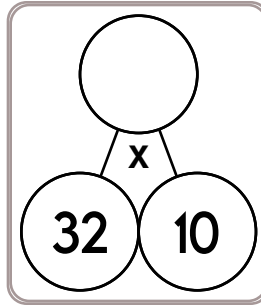
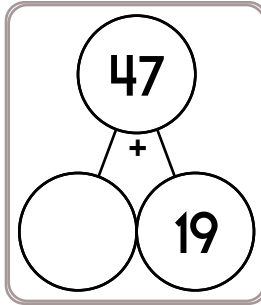
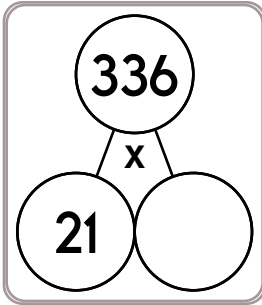
$4 \times 2 =$

$2 \times 3 =$

$6 \times 9 =$

$7 \times 2 =$

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



Reduce  $\frac{6}{18}$  to its lowest terms.

$$\begin{array}{r} \frac{8}{11} \\ + \frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 6\frac{11}{12} \\ + \frac{1}{3} \\ \hline \end{array}$$

If  $b = 5$  and  $v = -26$  then what is the value of  $z$ ?  
 $8b + 12v - 3v = z$

$$0.0002 \times 0.3$$

If  $z = -5$  and  $g = 20$  then what is the value of  $v$ ?  
 $8z + 14g - 3g = v$

Rewrite as an algebraic expression or equation.

The quotient of 120 and  $g$  is 10.

The letter  $p$  is used to represent power points in a game. The points must be greater than 598 but less than 1,691. Express this as an inequality.

Rewrite as an algebraic expression or equation.

Fifteen subtracted from a number is thirty-six.

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

Draw a line to match each problem with the same answer.

34% of 150 ●

● 23% of 100

25% of 128 ●

● 100% of 79

12% of 150 ●

● 85% of 60

79% of 100 ●

● 94% of 50

46% of 50 ●

● 55% of 80

32% of 75 ●

● 64% of 50

40% of 110 ●

● 18% of 100

47% of 100 ●

● 75% of 32

Rewrite as a vertical equation and solve.  
 $16.923 + 16.923 + 72.159$

$$\begin{array}{r} 531,602 \\ 87,872,810 \\ 71,211,777 \\ + 7,339,717 \\ \hline \end{array}$$

Change to percents.

$$\frac{32}{100} =$$

$$\frac{57}{100} =$$

$$\frac{4}{10} =$$

$$\frac{26}{100} =$$

$$\frac{40}{100} =$$

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

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

53 is what percent of 100?

Change  $\frac{63}{39}$  to a mixed number.

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

The library purchased 79 new books at a total cost of \$1,412.51. They had \$8,151 in their budget to buy books. How much money is left to buy more books?

$55,473 + 15,278 = \underline{\hspace{2cm}}$

Mary rolls two dice. What is the chance of her rolling a 1 on one die and a 4 on the other die?

\_\_\_\_\_

Write 25,721 in words.

\_\_\_\_\_

$$\begin{array}{r} 45 \\ + 37 \\ \hline \end{array}$$

$5 \times 3 = \underline{\hspace{2cm}}$

$56 \div 8 = \underline{\hspace{2cm}}$

$110 \div 10 = \underline{\hspace{2cm}}$

In the number 86,543,888, the digit 4 is in what place?

\_\_\_\_\_

$$\begin{array}{r} 343 \\ + 274 \\ \hline \end{array}$$

How many feet are in 3 yards?

\_\_\_\_\_ feet

$787 - 314 = \underline{\hspace{2cm}}$



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

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

R	V	P	C	W	C	N	P	M	F
<input type="text"/>	P	<input type="text"/>	<input type="text"/>	P	<input type="text"/>	H	<input type="text"/>	<input type="text"/>	R
S	P	R	<input type="text"/>	J	L	<input type="text"/>	L	<input type="text"/>	<input type="text"/>
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<input type="text"/>	C	R	<input type="text"/>	B	B	<input type="text"/>	C	T	<input type="text"/>
N	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	R	<input type="text"/>	<input type="text"/>	W
S	L	<input type="text"/>	N	L	S	<input type="text"/>	P	<input type="text"/>	R
<input type="text"/>	<input type="text"/>	T	R	<input type="text"/>	Y	R	S	N	I
V	<input type="text"/>	O	T	<input type="text"/>	L	Y	A	O	S
<input type="text"/>	R	S	S	H	R	<input type="text"/>	L	L	T

1 km = 1,000 m

12 km = \_\_\_\_\_ m

4 x 8 = \_\_\_\_\_

WRIST • POLICE • PORTRAIT  
CELL • SHRILL • RESPONSIVE  
CAUTION • MOUNTAIN • JUBILEE  
HONORARY • BUSY • FRAME  
PECULIAR

**What Words? Your Words!**

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

Make a Word

Sum

1 2 4 8  
H O V E R

7

1 2 4 6 10 14  
I M

1 2 4 6 10 16  
E X

Make a Word

Sum

1 2 4 6 12  
F R

1 2 4 6 10 14  
C A

1 2 4 6 8 14 20  
 O

word root **voc** can mean **call or voice**

**equivocate, irrevocable, vocalize**

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

3 • 7 • - • 5 • = • 0 • + • 2 • 5 • 4 • 2 • 2 • 9 • 7 • 6 • x • =  
2 • = • 6

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

The puzzle grid contains the following equations:

- 6  $\div$   $\square$  = 9
- $\square \div 1 = 0$
- 4
- $\square + \square = 8$
- 4
- 3 + 5 = 8
- 8
- 6
- 0
- x
- 4
- 3 + 5 = 8
- 7 2  $\div$  3 = 8
- 8 x 3 = 2 4
- 0
- =
- 1
- 5 + 6 = 1 1
- 0 +  $\square$  = 2
- 6
- 0 5
- $\div$
- 5 + 2 =  $\square$
- 4
- 3 8 7
- 1  $\square$  - 9 = 5 + 2
- 9  $\square$  0 0
- $\div$
- 4
- 3
- 8
- 4
- 0
- x 6 = 3 6
- +
- 3
- 7

How many dimes make \$1.80?

Circle the digit in the tenths place.

1,472.6314

42  $\div$  6 = \_\_\_\_\_

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

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Robert has \$73.24. He has 10 bills and 17 coins. How?

			\$1						
			5¢						

Sara has \$11.25. She has 2 bills and 4 coins. How?

Rosa has \$77.22. She has 8 bills and 14 coins. How?

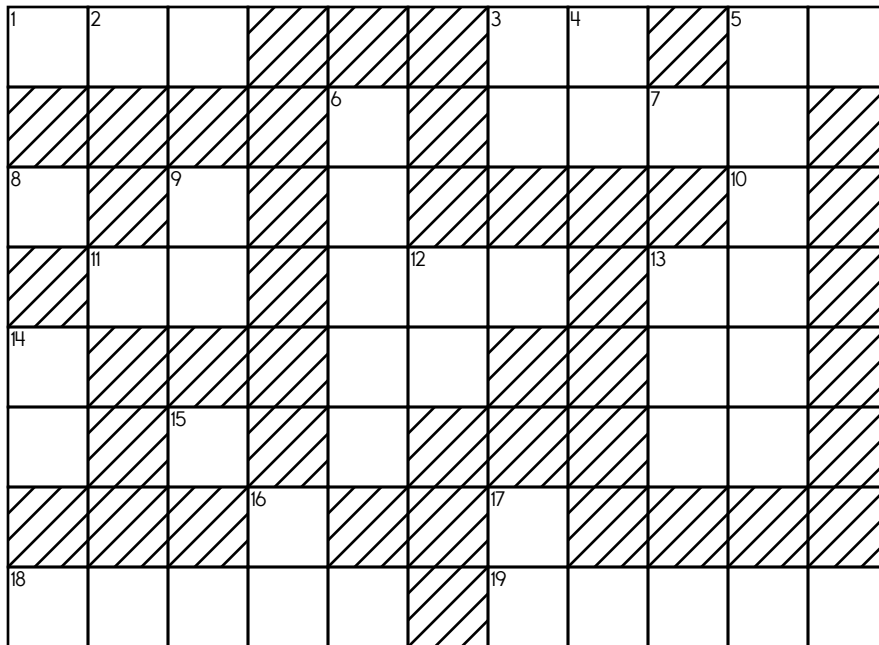
Name: \_\_\_\_\_

**ACROSS**

**DOWN**






2. **25**
3. What is the lowest common multiple of 9-Across and 6-Across?
5. First composite number after 2-Across
6. How many factors does 10 have?
7. 3-Down plus 2-Across
8. What is the greatest common factor of 24 and 45?
9. How many factors does 9 have?
10. How many factors does 52 have?
12. The factors of 32 are 1, 2, 4, 8, \_\_, 32.
15. Sum of digits of 2-Across
17. What is the greatest common factor of 12-Down and 10-Across?
18. the ones in 2-Across + the tens in 4-Down + the ten thousands in 5-Down
19. the tens in 2-Across + the ones in 3-Down + the ten thousands in 5-Down

1. Sum of digits of 12-Across
2. What is the greatest common factor of 58 and 76?
3. First prime number after 12-Down
4. Four more than 2-Across
5. two hundred forty-six thousand, two hundred eighty
6. the ones in 1-Down + the tens in 4-Down + the hundreds in 5-Down + the ten thousands in 18-Across
9. What is the lowest common multiple of 2-Down and 3-Down?
10. Its digits total 16
11. First prime number after 17-Across
12. 18
13. Four times 2-Across
14. 7-Across plus 10-Across
16. What is the lowest common multiple of 1-Down and 10-Across?







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

Draw ONE continuous line that touches every box ONCE.  
Count by 3.5s. Find the box with the number 4. Move up, down, right, or left.  
Keep counting until you reach 56.5. Do not move into a spot with a picture.

	11 - - - 14.5			46	49.5
	7.5	18	28.5	32	42.5
	4	21.5	25	35.5 - - - 39	56.5

Draw ONE continuous line that touches every box ONCE.  
Count by 1.1s. Find the box with the number 4. Move up, down, right, or left.  
Keep counting until you reach 21.6. Do not move into a spot with a picture.

		13.9				
				21.6 - - -		4
						5.1

$21,352 + 63,952 = \underline{\hspace{2cm}}$

$30 \div 5 = \underline{\hspace{2cm}}$

$115 + 183 = \underline{\hspace{2cm}}$

$63 \div 9 = \underline{\hspace{2cm}}$

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

seven hundred fifty-one thousand, two  
hundred forty-two

\_\_\_\_\_

Circle the greatest number:

37,049

621,858,670

7,413,982

9,235,142,650

$36 \div 6 = \underline{\hspace{2cm}}$

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

Write the decimal in words.

14.4

$$\begin{array}{r} 793 \\ + 90 \\ \hline \end{array}$$

Convert to a fraction or mixed number and simplify.

$$79.11 =$$

$$0.949 =$$

$$9.21 =$$

$$17.973 =$$

$$49.8 =$$

$$3.67 =$$

Find the least common denominator.

$$\frac{4}{6} \text{ and } \frac{2}{5}$$

Change 0.08 to a percent.

$$9 \overline{) 3771}$$

Divide and write remainder.

Rewrite as a vertical equation and solve.

$$4.862 - 3.799 =$$

36 is what percent of 300?

$$\frac{3}{4} \div \frac{1}{2} =$$

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

Eric worked after school in the Ketterlinus High School library. He put books back on shelves. On Tuesday the library opened with 62,601 books. During the day 4% of the books had been checked out by students. Of the remaining books, 2.8% had been left on the library tables. 180 books had been returned to the library. Eric had to reshelf the books that had been left on the tables and the books that had been returned. How many books did Eric have to reshelf in all?

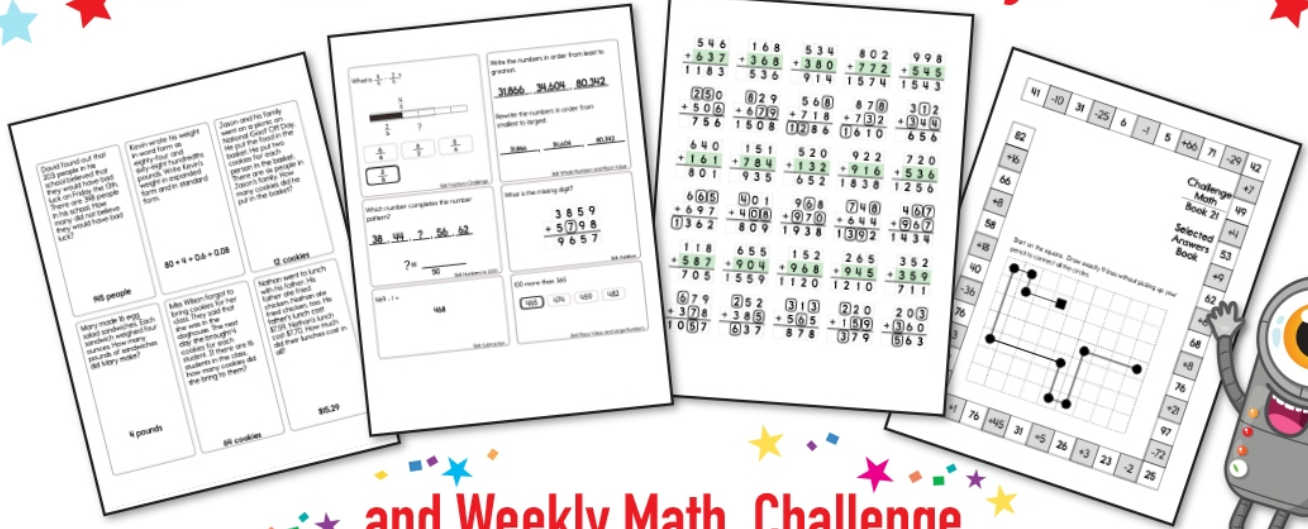
Jack is making packages of baseball cards to give to his friends. He has 12 Mets cards, 48 Braves cards, and 28 Yankees cards. All the packages must have the same number of each team's cards, and there can be no cards left over. What is the greatest number of card packages Jack can make?

Miss Martin bought a shiny red car — just because. The price of the car was \$19,843.99 plus 6% tax. She also had to pay \$114.36 for the registration and tag. How much did Miss Martin pay in all?

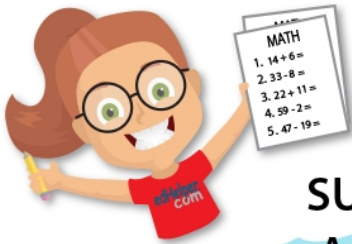
The ad says that the detergent is "99.74% pure." Ms. Hernandez paid \$7.93 for a 2-pound box of this detergent. How much did she pay for the impurities?

Jack and Alex were twins. They each received \$5 for allowance. Jack spent  $\frac{1}{6}$  of his money on gum, and Alex spent one-fifth of his money on gum. How much money together did they spend on gum?

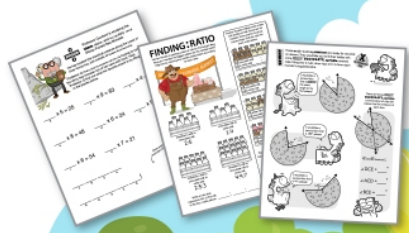
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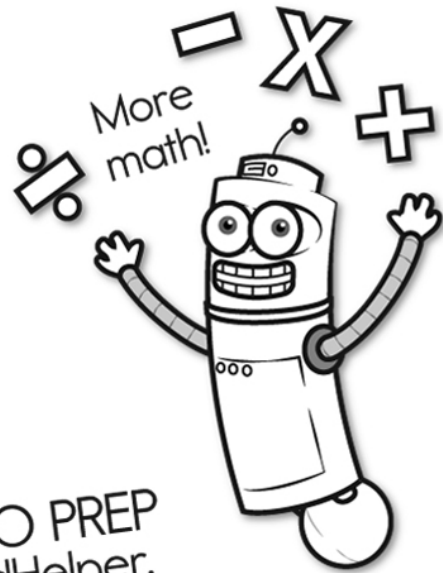
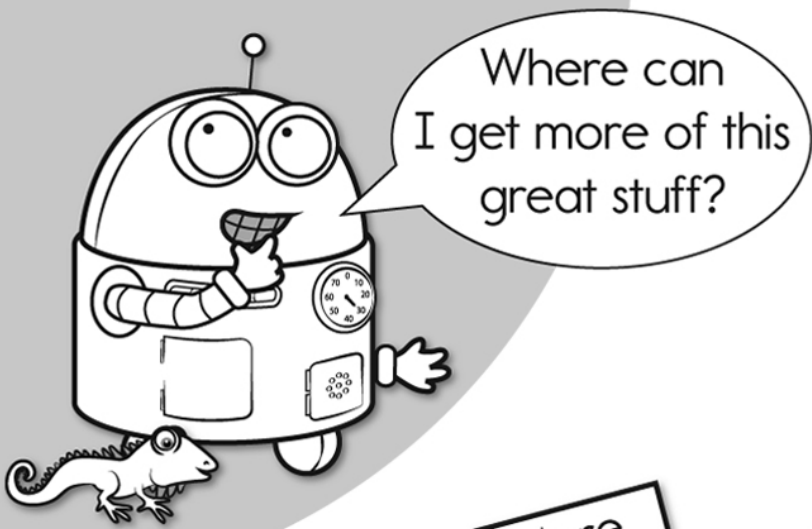
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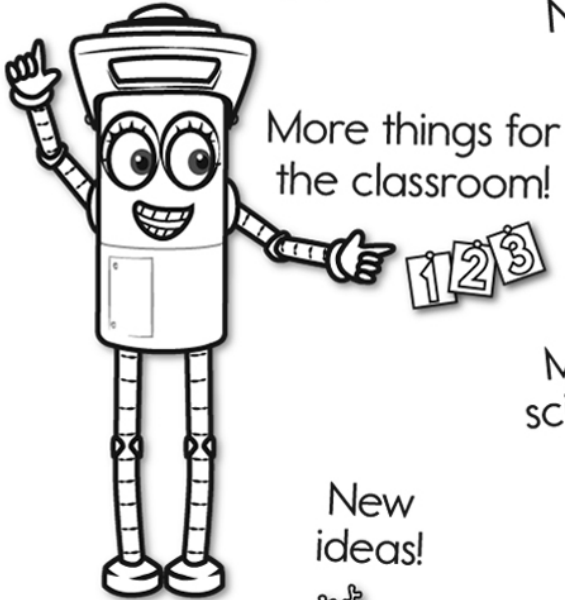
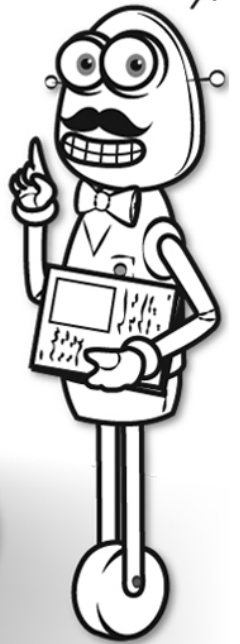
It's NO PREP at edHelper.

More history!

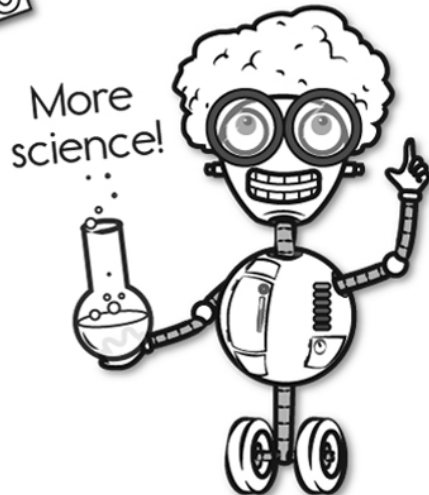


# edHelper.com!

New online math games!

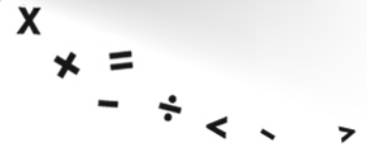


More things for the classroom!

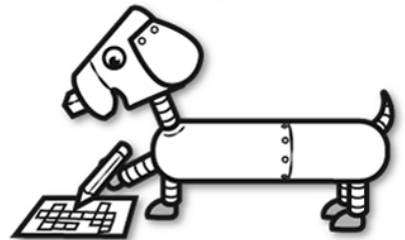


More science!

New ideas!



More puzzles!



# Take The Boring Out Of Homework!

Easy to  
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Kids want choices  
for homework.  
"Take It Home" books  
have fun graphics and  
challenging puzzles and  
problems for older kids.

"Dr. Programmer"  
challenges kids..

Homework  
will never be  
the same!

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