Name:

The first English dictionary, prepared in 1604 by Robert Cawdrey, defined 3,000 English words. In 1720, Nathan Bailey published the first English dictionary that tried to include most English words instead of just the hard ones. His dictionary contained about 60,000 words. How many more words did Bailey's dictionary contain than Cawdrey's dictionary?

An ideal daytime temperature for poinsettias is sixty-seven degrees Fahrenheit. Peter bought a poinsettia plant for his bedroom. The daytime temperature in his bedroom is set at seventy-three degrees. How many degrees should he lower the temperature so his bedroom will be the ideal temperature for his plant?

## Gavin collected

 baseball cards. He had wanted a Mickey Mantle card for a long time. It cost \$40.69. Today he is going to splurge. He will use most of his savings to buy the card. He has $\$ 57.15$ in savings. How much will he have after he buys the card?Sarah has 22 long
books and 13 short books. How many books does she have in all?

Mr. King makes salads topped with chicken, shrimp, ham, or turkey. He also puts Swiss, Feta, or blue cheese on them. How many types of salads can Mr. King make with one meat and one cheese?

Name:

Peter bought a pack of paper for $\$ 2.91$ and a pack of envelopes to make cards for some of the people in his neighborhood who don't get to go out often. He spent $\$ 6.65$ in all. Write an equation to find out how much the envelopes cost. Solve it.

Monday's weird contest was to see who could hold the most marbles in their left hand. The marbles were counted in multiples of 8. Nathan held two sets of 8 plus four more marbles.
How many marbles did he hold in his left hand?

The Coast Guard cutter was in a hurry. A distress signal had been received from a small boat nearly 9,000 meters away. Every minute counted. About how many kilometers away was the boat?

Adam is a beekeeper. Last year he got 18 quarts of honey from his hives. He sold 12 quarts and kept the rest for his family. What fraction of the honey did he sell? Write your answer in simplest form.

Amy was bored. She asked her mother if she could make cookies. Her mother agreed, so Amy got busy. She made 3 dozen oatmeal cookies and 22 chocolate chip cookies. How many cookies did she make in all?

Eggs cost $\$ 1.14$ for one dozen. How much would it cost to buy two dozen eggs?

Name: $\qquad$
Fill in the missing addition and subtraction operations.

| $30 \ldots 111=27$ |
| :---: |
| $29 \ldots 11 \ldots 14=54$ |
| $26 \ldots 13=2$ |
| $28 \ldots 9$ _ $13=50$ |

Robot AQD said, "I have YYYYY robot cats."
Robot EFG said, "I have YY robot cats."
Robot cat said, "Each Y stands for two cats. We have lots of cats!" How many cats does Robot AQD have? How many cats does Robot EFG have?

Name:
There are 10 cats at the pet store. Six of the cats are black. Mr. Johnson bought 5 cats for his grandchildren. Did he buy any black cats? How do you know?

For the summer
program 182 children came to the park. They were divided into 7 groups. How many children were in each group?


Name:


Name:


This is the look at one cube that is turned around a few times.


This pattern can be folded into the cube. Fill in the missing boxes.




Name:


Name: $\qquad$

$$
\begin{aligned}
& =\cdot 7 \cdot 8 \cdot 1 \cdot 3 \cdot 1 \cdot 4 \cdot+\bullet=\bullet 5 \cdot 0 \cdot 1 \cdot+\bullet 4 \cdot 5 \cdot 6 \\
& =\cdot 5 \cdot 8 \cdot 6
\end{aligned}
$$

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


Fill in the boxes so each line equals 15.


Write the number for nine hundred forty-six thousand, five hundred ten.
$\begin{array}{r}61 \\ -36 \\ \hline\end{array}$
$\qquad$
$2 \longdiv { 1 4 }$
$8 \longdiv { 4 8 }$
$2 \longdiv { 4 }$
$5 \longdiv { 3 0 }$
$6 \longdiv { 1 8 }$
$3 \longdiv { 2 4 }$
6) 42
$8 \longdiv { 7 2 }$


$$
\ldots \div 6=8
$$

$$
\ldots \div 9=9
$$

$$
24 \div \ldots=8
$$

$$
18 \div-=9
$$

$$
30 \div \ldots=5
$$

$$
27 \div \ldots=3
$$

- 

$$
\div 5=3
$$

$$
\ldots \div 4=4
$$

$$
\div 4=9
$$

$$
48 \div \ldots=6
$$

$$
4 \div \ldots=2
$$

$$
\ldots \div 4=3
$$



$$
\begin{array}{lll}
32 \div 8= & 63 \div 9= & 16 \div 2= \\
45 \div 9= & 8 \div 4= & 16 \div 4= \\
40 \div 5= & 21 \div 3= & 14 \div 2= \\
63 \div 7= & 12 \div 2= & 64 \div 8=
\end{array}
$$

$9 \longdiv { 5 4 }$
$8 \longdiv { 7 2 }$
$3 \longdiv { 2 7 }$
$8 \longdiv { 5 6 }$

Name:

triple $70=$

What is the sum of 30 and 630 ?

How many tens are in the number 30 ?

Name: $\qquad$
Find 2 equations hidden in each box. Good luck!

$$
\begin{array}{ll}
63-3 & 76-2 \\
77 & 44
\end{array}
$$

27
68
27-7
$9 \times 5$
9

$$
36+8
$$

25

$$
97-4
$$

Write 2 equations:
$86 \quad 62+2$ $29 \times 2$
477
37
$83+4$
105
$6+38$ $3+36$


96
64

Write 2 equations:

$$
\begin{array}{lclrr}
98 \times 7 & { }^{87} \times 6 & & 27 & 128 \\
33 \times 5 & 84 \times 5 & & \\
165 & & 5-1 & \\
4 & 5+36 & 43 & 40 & 52
\end{array}
$$

Name: $\qquad$
Find 2 equations hidden in each box. Good luck!

\[

\]

Write 2 equations: $\qquad$

$$
\begin{array}{ccc}
69 \times 1 & 236^{837} & 88
\end{array}
$$

$87 \times 8$
228

Name: $\qquad$


Name:
$9 \longdiv { 1 0 0 }$
$7 \longdiv { 8 0 }$
$5 5 \longdiv { 8 8 0 }$
$5 0 \longdiv { 2 0 0 }$
$4 0 \longdiv { 2 0 0 }$
$1 6 \longdiv { 4 3 4 }$
$1 2 \longdiv { 3 6 8 }$
$4 \longdiv { 1 6 1 }$

$1482,2148,8214,4821$,
$1482,2148, \ldots, 4821$,
$1482,2148,8214,4821$,
1482,2148


Draw a small clock that shows 15 minutes past 6:00.

Reduce $\frac{5}{15}$ to its lowest terms.

Name the shape with five sides and five angles.

Emma has 6 cookies. She and her 2 friends shared them equally. How many cookies did Emma keep?

Name: $\qquad$


## Equations and Hints:

Each letter is a whole number.
Fill in the equations using the chart:

$$
\begin{aligned}
& A+A=22 \quad C+B=\ldots \quad L^{+}+{ }^{+}=39 \\
& ++\ldots=46
\end{aligned}
$$

Additional hints:

## $B<19 \quad A$ is the smallest. $\quad C=A+6$

Show Work:

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