Name:
What does the 2 in the number 219,684 mean?
A) 200000
B) 2000000
C) 20
D) 2000

```
What is the place value of the bold number in \(\mathbf{1 1 , 8 7 4 ?}\)
A) Ten|Thousands
B) Hundreds
C) Hundred Thousands
D) Ones
```


## Which number represents forty-eight hundreds?

A) 48
B) 48000000
C) 480000
D) 4800
$8.5+4.82=$
A) 13.479
B) 13.32
C) 12.06
D) 33.78

Which of the following numerals has a 1 in the hundreds place?
A) 4132
B) 2413
C) 4312
D) 1432

Name:
Cross off the number that does NOT belong.

$$
15,17,19,21,23,24,25,27
$$

$\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.
$\frac{10}{25}, \frac{15}{25}, \frac{20}{25}, 1,1 \frac{5}{25}, 1 \frac{7}{25}, 1 \frac{10}{25}, 1 \frac{15}{25}, 1 \frac{20}{25}$,
$2,2 \frac{5}{25}, 2 \frac{10}{25}, 2 \frac{15}{25}, 2 \frac{20}{25}, 3,3 \frac{5}{25}, 3 \frac{10}{25}, 3 \frac{15}{25}$

Why does $\qquad$ not belong in the pattern?
Add $\frac{1}{5}$

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

| $75+82+79=$ | - $68+64+69=$ |
| :---: | :---: |
| $38+29+39=$ | - $63+62+65=$ |
| $35+28+17=$ | - $28+19+33=$ |
| $69+63+69=$ | - $79+83+74=$ |
| $69+58+63=$ | - $33+36+37=$ |


$7 \times 5 \times 11$


Is 32 a composite or a prime number?
$21,28,35,42,49$, __ 63, 70, 77, 84

Write the number with 2 hundreds and 3 ten-thousands.

Circle the correctly spelled words.
advice, advis
feest, feast
lettuce, lettuse

Name:
There are 12 cats, 8 dogs, and 9 other kinds of pets in the Dress Up
Your Pet Day parade. What is the chance that one of the dogs will win the first place ribbon?


Name:


Round the number to the place value of the BIG number.

239,721,543

Write the length in millimeters.


The perimeter is $\qquad$ -.

Make a pattern.
Start with 72.
Subtract 7.

How many days are in December?
$\qquad$
$\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$
Expand the number.

$$
132=+\ldots+
$$

List the first five multiples of 9.
$\qquad$ —_

Write a word problem for $5 \times 3=15$.


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



Locate where to put the number 435,000 and label the point $M$.


440,000

Circle the best estimate for the answer to:

$$
37+91
$$

180
240
210
130

Name:

| $\begin{aligned} & 168 \\ & 840 \\ & \hline \end{aligned}$ | $\begin{array}{r}1.183 \\ -\quad 647 \\ \hline\end{array}$ | $\begin{array}{r}1.509 \\ -\quad 770 \\ \hline\end{array}$ |
| :---: | :---: | :---: |
| $\begin{array}{r} 9.062 \\ +\quad 3.663 \\ \hline \end{array}$ | $\begin{array}{r}9.761 \\ +\quad 4.243 \\ \hline\end{array}$ | $\begin{array}{r}12,152 \\ -\quad 8.486 \\ \hline\end{array}$ |
| $\begin{array}{r} 82.246 \\ +\quad 886 \end{array}$ | $\begin{array}{r}95.490 \\ -\quad 514 \\ \hline\end{array}$ | $\begin{array}{r}60.416 \\ +\quad 882 \\ \hline\end{array}$ |
| $\begin{array}{r} 3.034 \\ +\quad 8.918 \\ \hline \end{array}$ | $\begin{array}{r}4.186 \\ -\quad 1286 \\ \hline\end{array}$ | $\begin{array}{r}15.674 \\ -\quad 8.903 \\ \hline\end{array}$ |
| $\begin{array}{r} 30.105 \\ -\quad 1,212 \\ \hline \end{array}$ | $\begin{array}{r}69.731 \\ -\quad 6.937 \\ \hline\end{array}$ | $\begin{array}{r}95.339 \\ +\quad 4.172 \\ \hline\end{array}$ |
| $\begin{array}{r} 628 \\ +\quad 868 \end{array}$ | $\begin{array}{r} 1.233 \\ 330 \\ \hline \end{array}$ | 918 <br> 992 |
| $\begin{array}{r} 77.057 \\ +21.876 \\ \hline \end{array}$ | $\begin{array}{r}185.085 \\ -93.279 \\ \hline\end{array}$ | $\begin{array}{r} 17.075 \\ +\quad 11.991 \\ \hline \end{array}$ |



Name: $\qquad$

$$
\begin{aligned}
& 5 \cdot 6 \cdot 1 \cdot+\bullet 1 \cdot 6 \bullet=\bullet 0 \bullet 3 \bullet 2 \bullet 2 \bullet 7 \bullet+\bullet 4 \bullet+\bullet 8 \\
& 3 \bullet=5
\end{aligned}
$$

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


Name:

Draw 6 small circles.
Then cross off one-third of the circles.

How many circles did you cross off?

Draw a bar model to show this equation. Then write the answer.
$\frac{1}{5}+\frac{1}{5}=$ $\qquad$

Draw a circle to represent a pizza.
Divide the pizza into 8 equal parts to represent pizza slices.
If you wanted to eat half of the pizza, how many slices would you eat?

Draw a bar model to show this equation. Then write the answer.

$$
\frac{2}{3}-\frac{1}{3}=
$$

$\qquad$

Draw pictures to show if one-fourth is less than or greater than one-fifth.

Name:



Name:

Emily made a huge sugar cookie 15 inches $x$ 12 inches. She decorated it with red, white, and blue sugar to look like an American flag. She cut it into 3 inch $\times 3$ inch pieces. How many pieces could be cut from the huge sugar cookie?

The ugly old witch wanted a new mirror. Her old mirror was too small. After all, she thought she was so pretty. She wanted a mirror that was at least 6.1 feet long and 4 feet wide! What will the area of the new mirror be?

Two prime numbers are each greater than 1 and less than 21. When these two prime numbers are added together, they have a sum of 30 .

What are the two prime numbers?

Mary is 1 year older than Peter. Peter is 7 years younger than Emily. Kevin is 4 years older than Emily. Emily is 20 years old.

How old is everyone else?

Name: $\qquad$
How large is the angle? First, make a guess and write your estimate in degrees.
Then, actually measure it to see how close your guess was.

Hint: Try guessing between
76 and 102 degrees.


Guess first: $\qquad$ Measure: $\qquad$ Guess first: $\qquad$ Measure: $\qquad$


Name: $\qquad$

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.
Example:
Example:
$6.4+1.6+2.8+22=32.8$
$8.2+22+1.6+2.8=34.6$


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: 26,20 , or 22.
The other three numbers have to all be DIFFERENT and must be from these: 1.6, 8.2, 2.8, 4.2, 0.6, or 6.4 .


Name: $\qquad$
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: 13,26 , or 19.
The other three numbers have to all be DIFFERENT and must be from these: $2.4,6.6$, 8.8, 3.4, 7.6, 0.8 , or 1.8.


Name:


Find the difference between 3403 and 707.


Name:

Write as a decimal.

$$
\frac{8}{10}=
$$

$\qquad$

$$
\begin{array}{r}
\frac{9}{10}=\ldots \\
\frac{2}{10}=
\end{array}
$$

Draw a decimal place value chart. Have a box for tens, ones, tenths, and hundredths. Then draw circles inside the boxes to show the number 19.72.

Wendy and Anne like to draw colorful worms. Why?
Nobody knows! Wendy drew a yellow worm that was 6 tenths of a centimeter long. Anne drew a blue worm that was $\frac{4}{10}$ of a centimeter long. Who drew the longest worm?

Draw a number line. Label the numbers 0,1 , and 2 . Label and show where 1.4 should be.

Jessica is obsessed with rounding. "So what?" she asks.
She just took a decimal number and rounded it to the nearest tenth.
"Nineteen and four tenths," she said.
If the original number also had a hundredths digit, can you name one possibility for what that original number might have been before she rounded it?

Amy has 980 cents. Pam has 408 cents, which can also be written as $\$ 4.08$.
How could 980 cents be written starting with the dollar sign?

980 cents $=\$$

There are a hundred centimeters in one meter.
$269 \mathrm{~cm}=2.69 \mathrm{~m}$
$659 \mathrm{~cm}=$ $\qquad$ m $559 \mathrm{~cm}=$ $\qquad$ m
$\qquad$ $\mathrm{cm}=7.49 \mathrm{~m}$
$968 \mathrm{~cm}=$ $\qquad$ m
$\qquad$

## Can you guess the word?

No duplicate letters can be used.
R A
N C H

The letter R is in the word and is in the correct spot.


The letter $I$ is in the word, but $I$ is not in that spot.
A B CDEFGHIJKL

## A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.


B CEFI J K L MOPQUVWX Y Z


Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

WHEFTTXQOQWGOASDNTT ARGZTRAMHTDAKDNNYGZ S TA JADANMAHHHDGASWO R H A TW V T S R R A BRHD T H A H XGGHTHHHADTDWDDAOA AQAGAATTSEAARHRSINI T T RGAGTBRTRWRTRNPDD W A YA T RDDWSAHWSGVTDW FADGGNHTRIATFRWZHHR C T IHDRHNSTTTHAADHSA

Hint: There are no duplicate letters in the answer.


B CD F H J K M P Q S U V W X Y Z


Let's check if you guessed correctly. Look across or down to find the correct answer.

S AA TE XNW BNHNXOLAGKO OAOGSAAOYITGIAOGNNG ANNATOTOOOTIGERTAGA O YKGTGGNAAGOGOZAAGT IA TQAGLKFMAOTNE JLPL BTGOGNMLAGAIGEOGOGL RALIDNGUOGNXGOJONGN K OG A A G L Y LG IWNPGGGH T YASNGI INNATAOOTGADO TANNOTEIAGONYEGNOVG

Hint: There are no duplicate letters in the answer.


Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

TC T U ZM T E U S HOE U T R E ID HE U ZECH T SWGNYS ZE SMU HQE ZQTHVYTKQPUE ZUT L TEOESQRUMQUQUQYTUQI G S P P UE U TMQE T T R URMUU Q TDETTSROOUCVHQIQRO TUUUUP T T FOR F S O T E E TQ H U E E E E S I E VP S U UOMP TW T S US RUS SOESQMQTOQQS TEUQTEEEQOESTQUISUE

Name: $\qquad$


## Facts

Jack is seventeen years older than Jenna.
Anne is sixty-five years older than Jenna.
Rosa is three times as old as Jenna.
Jenna is seven years old.
Adam is three years older than Anne.

How old is Jenna? $\qquad$
How old is Anne? $\qquad$
How old is Jack? $\qquad$
How old is Adam? $\qquad$
How old is Rosa? $\qquad$

| Write a fraction to represent what is shaded. |  |  | It is 80 degrees Fahrenheit <br> outside. What would you <br> wear if you are going <br> outside? |
| :--- | :--- | :--- | :--- | :--- |

Name: $\qquad$


Sarah is three times as old as Hunter.
Ava is seven years older than Hunter.
Peter is sixteen years older than Connor.
Hunter is seven years old.
Connor is thirty-eight years older than Hunter.

How old is Hunter? $\qquad$
How old is Ava? $\qquad$
How old is Connor? $\qquad$
How old is Sarah? $\qquad$
How old is Peter? $\qquad$


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