Name:
Circle the number that is greatest.

# 8,840 or eight hundred eighty-four nine hundred fourteen or 9,140 

60,771 or sixty-four thousand seven hundred seventy-one nineteen thousand one hundred or 19,125

The number 62 is more than the number 6 by how much?

How many hundreds are in the number 33,000 ?

Write the greatest possible 4 -digit number using only 3 different numbers.

$$
81 \div 9=
$$

If you exchange 70 dimes for dollars, then how many dollars would you get?

Name: $\qquad$
Robot Sarah likes to be tricked. Show at least 5 different ways to make 8,400 . One of your ways should be WRONG to trick Robot Sarah.


In the equation $29 \times 481=$ 13,949, which number is the product?
What number is halfway
between 0 and 18 ?

Round 846 to the nearest hundred.

Do parallel lines intersect?
Do you use A.M. or P.M. to write $8: 00$ in the morning?


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

| twelve hundredths |  | - $\frac{12}{100}$ |
| :---: | :---: | :---: |
| $\frac{6}{100}$ |  | - eight and twelve hundredths |
| $4 \frac{4}{10}$ | - | - two and forty-eight hundredths |
| eight hundredths | - | - four and four tenths |
| fifty-five hundredths | - | $\frac{8}{100}$ |
| $\frac{55}{100}$ | - | - six hundredths |
| $\left(2 \frac{48}{100}\right.$ | - |  |
| $8 \frac{12}{100}$ | - |  |

Double the number 6 three times.

Pam has \$49. She wants to buy something that costs \$91. How much more does she need?

Circle the four numbers whose sum equals 52.
$16 \quad 15 \quad 3 \quad 15$
$9 \quad 11 \quad 13 \quad 6$

How many total legs are on 9 owls?

You need to add what to 68 to get 74 ?

Name:
How many times greater is

$$
\begin{gathered}
77 \text { than } 7 ? \\
30 \text { than } 5 ? \\
9,200,000 \text { than } 9,200 ? \\
18 \text { than } 3 ? \\
72 \text { than } 6 ?
\end{gathered}
$$

You are given a secret number of 2,596,417.

Psst. Whisper the number in the ten thousands place:
Psst. Whisper the number in the millions place: $\qquad$
Psst. Whisper the number in the ten millions place:

Name:

Alex lives on a dairy farm. He takes care of 16 of the cows by himself. When he feeds them, he puts enough grain in the bucket for 2 cows. He empties it, and then goes back for enough for 2 more cows. How many times does he have to fill the bucket to feed all the cows?

The fifth grade students are having a breakfast for their parents for Children's Good Manners Month. Anne used a muffin pan to make 3 batches of muffins. Then she made 2 extra muffins. She made 26 muffins in all. How many muffins does the muffin pan hold?

Robert did not believe in bad luck. He broke 13 mirrors. He walked under 13 ladders. He stepped on 13 cracks in the sidewalk. He let 13 black cats walk in front of him. On his way home from school he found 13 dimes. How many more dimes does he need to have $\$ 2.80$ worth of dimes?


Name:


Name: $\qquad$

$$
\begin{aligned}
& 4 \bullet 2 \bullet 3 \bullet 0 \bullet 1 \bullet 6 \bullet \div \bullet 5 \bullet 6 \bullet \div \bullet=\bullet 4 \bullet=\bullet 9 \bullet 9 \bullet 5 \\
& 4 \bullet=8 \bullet 2
\end{aligned}
$$

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


Name:

| $\begin{array}{r} 75.173 \\ +48.971 \\ \hline \end{array}$ | $\begin{array}{r}101.855 \\ -91.287 \\ \hline\end{array}$ | $\begin{array}{r} 75,321 \\ +72,545 \\ \hline \end{array}$ |
| :---: | :---: | :---: |
| $\begin{array}{r} 148.229 \\ -69.900 \\ \hline \end{array}$ | $\begin{array}{r} 116,258 \\ -65,406 \\ \hline \end{array}$ | $\begin{array}{r} 57,636 \\ +80,433 \\ \hline \end{array}$ |
| $\begin{array}{r} 164,173 \\ -\quad 72,531 \\ \hline \end{array}$ | $\begin{array}{r}86,903 \\ -\quad 38,097 \\ \hline\end{array}$ | $\begin{array}{r} 42,766 \\ +14,894 \\ \hline \end{array}$ |
| $\begin{array}{r} 25.548 \\ +36.218 \\ \hline \end{array}$ | $\begin{array}{r} 15,215 \\ +95,891 \\ \hline \end{array}$ | $\begin{array}{r} 154.883 \\ -64.085 \\ \hline \end{array}$ |
| $\begin{array}{r} 62,141 \\ +63,635 \\ \hline \end{array}$ | $\begin{array}{r} 113,839 \\ -\quad 32,461 \\ \hline \end{array}$ | $\begin{array}{r} 80,677 \\ +91,749 \\ \hline \end{array}$ |
| $\begin{array}{r} 13.883 \\ +37.268 \\ \hline \end{array}$ | $\begin{array}{r}72,566 \\ -59,471 \\ \hline\end{array}$ | $\begin{array}{r} 44.101 \\ -\quad 25.529 \\ \hline \end{array}$ |
| $\begin{array}{r} 68,553 \\ -\quad 15,462 \end{array}$ | $\begin{array}{r} 31.379 \\ +58.087 \end{array}$ | $\begin{array}{r} 70,056 \\ +99,395 \end{array}$ |


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Name: $\qquad$
$0 \cdot x \cdot 6 \cdot 4 \cdot 1 \cdot 2 \cdot x \cdot 0 \bullet=\bullet 0 \cdot 0 \cdot 3 \cdot 8 \bullet=\bullet 1 \cdot 1$
Use the pieces above to help you fill in the runaway math puzzle.


Make a pattern.
Start with 20.
Write the shaded part as a decimal.
$\square$
Subtract 7; add 8.
$\qquad$
, $\qquad$ , $\qquad$ , $\qquad$ , ,
There are seven cars parked in a row exactly the same distance from each other. The first car is 37 inches from the second car. The first car is 74 inches from the third car. How far is the sixth car from the third car?

| 35 | 20 |  |
| ---: | :--- | :--- |
| -29 | +75 | Is 97 closer to 90 or $100 ?$ |
|  |  | Would you use a ruler or a <br> yardstick to measure the <br> length of a door? |
|  |  |  |

Name: $\qquad$

$$
\begin{aligned}
& 8 \bullet 1 \bullet 7 \bullet 9 \bullet 7 \bullet 1 \bullet+\bullet 0 \bullet 0 \bullet 5 \bullet 3 \bullet 2 \bullet+\bullet-\bullet 0 \bullet 3 \\
& =\bullet 8 \bullet-3
\end{aligned}
$$

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


What number is halfway between 57 and 63?

Is 43 a composite or a prime number?

How many minutes are there from 6:30 p.m. until 7:00 p.m.?

Is 349 closer to 300 or 400?

A book has 4 pages. Each page has 11 dimes. How many dimes in the book?

Justin earns $\$ 20$ an hour. He worked 6 hours. How much did he make?

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


Find an addition fact.


Find an addition fact.
$\left.\mathbf{C} \begin{array}{rrr}35 & 94 & 92 \\ 78 & 77 & 44 \\ 26 & 43 & 86\end{array}\right]$

Find a subtraction fact.

## Equations:

Write the equation facts you found.

|  | A | 20 | + | 74 | $=$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| B |  | + |  | $=$ |  |
|  |  |  |  |  |  |
| C |  | - |  | $=$ |  |
|  |  |  |  |  |  |


| Which is smaller, $\frac{2}{5}$ or $\frac{3}{9} ?$ | Write the length in centimeters. |
| :--- | :--- |




Name:


Did you find that four are true? If not, look again! Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

Name: $\qquad$
Write the final part of each math analogy.
eight nines : 72 :: six twos :
Explain why you think your answer is correct.

14 groups of $5: 7$ groups of $10:: 16$ groups of $5:$
Explain why you think your answer is correct.

DBQDBQDBQDBQ___ : D :: HFJHFJHFJHFJ $\qquad$
Explain why you think your answer is correct.
$Z+41$ = $117: 76:: \quad B+55=150:$
Explain why you think your answer is correct.
$27+61$ : even :: $35+48$ :
Explain why you think your answer is correct.

## August 9th: Sunday :: August 17th :

Explain why you think your answer is correct.

Name: $\qquad$

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

$$
1 \frac{4}{5}+8 \frac{2}{5}+2 \frac{1}{5}+3 \quad 2 \frac{1}{5}+3+8 \frac{2}{5}+1 \frac{4}{5}
$$



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: $4 \frac{4}{5}, \frac{3}{5}$, or $1 \frac{4}{5}$. The other three numbers have to all be DIFFERENT and must be from these: $12,3,2 \frac{1}{5}$, or $8 \frac{2}{5}$


Name:
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: $7 \frac{1}{2}, 9 \frac{1}{2}$, or $6 \frac{1}{2}$.
The other three numbers have to all be DIFFERENT and must be from these: $5 \frac{1}{2}, 3 \frac{1}{2}$, 4 , or 2 .




