Name:

Jacob wears blue socks. He had 12 blue socks. He lost two. How many socks are left?

Alex reads for 29 minutes. Erin reads for 13 minutes. How many more minutes does Alex read than Erin?

Each shelf holds 12 books. How many books can 3 shelves hold?


Name:
Jack is ready to go back to school. He had 6 yellow pencils. His mother gave him 3 red pencils and 2 blue pencils. How many pencils did he have in all?

Sarah's grandfather is 182 centimeters tall. Her grandmother is only 150 centimeters tall! How much taller is her grandfather than her grandmother?

## Write how much to add or subtract.



Name:

Erin, Rose, and Anna put all their pennies in a bag. They wanted to buy a book. The book cost $\$ 2.45$. Erin had 126 pennies. Rose had 93. Anna had 76. Did they have enough pennies to buy the book?

Jacob hit the ball 16 times. Peter hit the ball 10 times. How many times did they hit the ball in all?

Jacob wants to buy a sea monkey. He has 7 dimes and 9 pennies. How much money does he have?

There are six cans of Play-Doh in a box. How many cans of Play-Doh are there in two boxes?


Name: $\qquad$

Get a fidget spinner! Spin it.
I needed to spin $\qquad$ time (s) to finish.

$$
\begin{array}{rrrrrrr}
9 & 6 & 3 & 3 & 4 & 3 & 3 \\
-2 & +7 & +9 & -1 & +4 & -2 & -1 \\
\hline
\end{array}
$$

$$
\begin{array}{rrrrrrrrr}
7 & 6 & 5 & 8 & 6 & 9 & 4 & 8 & 9 \\
-5 & +7 & +4 & -2 & +8 & -1 & +4 & -8 & -2 \\
\hline
\end{array}
$$

$$
\begin{array}{rrrrrrrr}
9 & 1 & 8 & 7 & 7 & 2 & 3 & 3
\end{array} \mathbf{8}
$$

$$
\begin{array}{rrrrrrrr}
3 & 5 & 8 & 9 & 1 & 7 & 9 & 7 \\
-2 & +4 & -2 & +2 & +5 & -6 & -5 & -4 \\
\hline
\end{array}
$$

$$
\begin{array}{rrrrrrrr}
5 & 9 & 2 & 8 & 8 & 5 & 6 & 8 \\
+9 & -1 & +7 & +5 & -7 & -4 & -5 & +3 \\
\hline
\end{array}
$$

Name: $\qquad$

Spin again.
I needed to spin $\qquad$ time (s) to finish.

$$
\begin{array}{rrrrrrrr}
7 & 4 & 6 & 7 & 6 & 1 & 9 & 9 \\
-1 & +1 & -3 & +2 & -1 & +2 & -9 & +2 \\
\hline
\end{array}
$$

$$
\begin{array}{rrrrrrrr}
4 & 3 & 4 & 5 & 8 & 9 & 7 & 3 \\
+2 & -1 & -4 & -5 & +4 & +3 & -3 & +5 \\
\hline
\end{array}
$$

$$
\begin{array}{rrrrrrrrr}
9 & 4 & 2 & 9 & 1 & 8 & 3 & 2 & 9 \\
-3 & +6 & +4 & -6 & +5 & -1 & +3 & +5 & -5 \\
\hline
\end{array}
$$

$$
\begin{array}{rrrrrrrr}
9 & 1 & 8 & 7 & 8 & 8 & 7 & 8
\end{array} \mathbf{9}
$$

$$
\begin{array}{rrrrrrrr}
3 & 7 & 7 & 8 & 7 & 9 & 5 & 9 \\
-2 & +1 & -2 & +8 & -7 & +4 & -1 & -2 \\
\hline
\end{array}
$$

Name:

| Last year Erin hit 6 | Amanda cooked 21 hot |
| :--- | :--- |
| home runs. April hit 16 | dogs. Her family ate all |
| home runs. How many | but 5 of them. How |
| more home runs did | many hot dogs did they |
| April hit than Erin? | eat? |

Wendy made 15 cookies. She gave 4 cookies to her best friend. How many cookies are left?

Circle the sixth letter.


Circle the words.

Name: $\qquad$

| 24 | 25 |
| :--- | :--- |
| 34 | 35 |
|  |  |


| 22 | 23 | 24 |
| :--- | :--- | :--- |
|  | 33 | 34 |
|  |  | 44 |


| 16 | 17 | 18 |
| :--- | :--- | :--- |
| 26 |  |  |
|  | 37 | 38 |


| 1 | 2 |
| :---: | :---: |
| 11 |  |
|  | 22 |


| 38 | 39 |
| :--- | :--- |
|  |  |


| 45 | 46 | 47 |
| :--- | :--- | :--- |
|  | 56 |  |



| 47 | 48 |
| :--- | :--- |
| 57 | 58 |


| 59 | 60 |
| :--- | :--- |
|  |  |


| 14 | 15 |
| :--- | :--- |
|  |  |


| 47 | 48 |  |
| :--- | :--- | :--- |
| 57 | 58 |  |


| 86 | 87 |  |
| ---: | :--- | :--- |
|  | 97 | 98 |


| 45 | 46 |
| :--- | :--- |
|  | 56 |
|  | 66 |


| 51 | 52 |
| :--- | :--- |
|  | 62 |
|  | 72 |


| 12 | 13 | 14 |
| :--- | :--- | :--- |
|  |  | 24 |
| 32 | 33 |  |


| 63 | 64 | 65 |
| :--- | :--- | :--- |
|  | 74 | 75 |
|  | 84 |  |


| 87 | 88 |
| :--- | :--- |
|  |  |


| 22 | 23 | 24 |
| :--- | :--- | :--- |
| 32 |  |  |


| 41 | 42 |
| :--- | :--- |
|  |  |


| 56 | 57 |  |
| :--- | :--- | :--- |
| 66 |  | 68 |

Name: $\qquad$
Complete the number bonds puzzle. Fill in the missing boxes with the numbers 1 through 29. You can repeat and use any of those numbers. You do not have to use all the numbers.


Name:

Mental Math

- Start with the number 148.

Round to the nearest hundred.


1447610057 (Circle your answer to double check you are correct.)

■ Increase that number by 7 .
3471075846

■ Subtract 7.

```
6510051987
```

- Divide that number in half.

2296775064

■ Subtract 1 ten.
3097148407

■ Add 4 tens.
5800702143

■ Add the number of days in a week.
8795206631

- Round to the nearest ten.

```
89359054 9 1
```

Name:

A


## B

a. Draw the shortest path that is possible from $A$ to $B$.
b. If each box is one unit long and one unit wide, then the shortest path from $A$ to $B$ is $\qquad$ units long.
c. Draw a point $C$ that is 18 units from $B$. Draw a path from $B$ to $C$ that is 18 units. It does not need to be the shortest path.

Jenna, Pam, and Jessica are friends. Draw them! Oh, I forgot to tell you that Jessica is the tallest and Jenna is the shortest. Write their names under each of them.
$\qquad$


$$
4+2=\quad 8+5=\quad 6+4=
$$

$$
11+12=
$$

$$
10+11=
$$

$$
2+6=
$$

$$
5+7=
$$

$$
2+10=
$$

$$
5+3=
$$

$$
3+10=
$$

$$
7+7=
$$

$$
4+11=
$$



$$
5-\ldots=2
$$

$$
\ldots-10=1
$$

$$
-2=0
$$

$$
5-\ldots=1
$$

$$
12-\ldots=8
$$

$$
--4=5
$$

$$
4-\ldots=0
$$

$$
--4=6
$$

$$
--5=5
$$

$$
--8=3
$$

$$
12-\ldots=4
$$

$$
12-\ldots=6
$$


$\qquad$


| 58 |
| ---: |
| +161 |
| +134 |



| 76 |
| ---: |
| +93 |
| +40 |



Name: $\qquad$
Puzzle:

The sum for each column and row is given.

| Work Area: |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  | 8 | 19 |
|  |  |  | 15 |
| 8 |  |  | 21 |
| 21 | 13 | 21 | + |


$\square$
$20,30,40,50,60,70$,


Name:
$\Delta 6+11=17$
$\begin{array}{llllllllllllllll}14 & 17 & 3 & 8 & 7 & 4 & 13 & 10 & 12 & 19 & 11 & 11 & 9 & 12 & 10 & 27\end{array}$
$\square 4+6=10$
$\begin{array}{llllllllllllllll}13 & 8 & 8 & 12 & 29 & 11 & 11 & 4 & 10 & 6 & 15 & 12 & 4 & 11 & 9 & 5\end{array}$
$\square 7+7=14$
$\begin{array}{llllllllllllllll}10 & 18 & 3 & 12 & 16 & 9 & 12 & 11 & 6 & 9 & 13 & 11 & 18 & 17 & 3 & 2\end{array}$
$\begin{array}{lllllllllllllll}2 & 11 & 23 & 2 & 6 & 13 & 5 & 5 & 6 & 24 & 28 & 5 & 22 & 12 & 20\end{array} 7$
$\square 9+3=$
$\square 6+8=$
$\square 2+11=$
$\square 12+12=$
$\square 5+2=$
$\square 12+6=$
$\square 5+4=$
$\square 12+11=23$
$\begin{array}{llllllllllllllll}27 & 6 & 12 & 7 & 12 & 7 & 9 & 23 & 19 & 17 & 18 & 11 & 17 & 12 & 12 & 6\end{array}$
$\begin{array}{llllllllllllllll}6 & 3 & 19 & 6 & 6 & 6 & 2 & 9 & 17 & 13 & 6 & 8 & 12 & 25 & 7 & 24\end{array}$
$\begin{array}{llllllllllllll}12 & 1 & 9 & 24 & 18 & 11 & 17 & 29 & 2 & 14 & 2 & 7 & 4+6=10 & 21\end{array}$
$\begin{array}{lllllllllllll}6 & 12 & 6+11=17 & 17 & 24 & 8 & 3 & 11 & 9 & 21 & 6 & 28 & 2\end{array} 9$
$\begin{array}{lllllllllllllll}5 & 17 & 21 & 11 & 16 & 11 & 12 & 17 & 6 & 8 & 17 & 3 & 2 & 2 & 11 \\ 13\end{array}$
$\begin{array}{llllllllllllllll}11 & 18 & 5 & 6 & 10 & 12 & 11 & 17 & 16 & 12 & 14 & 16 & 12 & 22 & 13 & 8\end{array}$
$\begin{array}{llllllllllllll}20 & 2 & 5 & 15 & 25 & 6 & 11 & 2 & 2 & 18 & 12 & 24 & 2 & 8 \\ 18 & 6\end{array}$
$\begin{array}{llllllllllllll}18 & 1 & 4 & 6 & 9 & 8 & 14 & 7+7=14 & 7 & 20 & 8 & 11 & 11 & 13\end{array}$
$\begin{array}{llllllllllllllll}17 & 9 & 9 & 12 & 13 & 14 & 17 & 6 & 7 & 6 & 11 & 14 & 1 & 5 & 7 & 2\end{array}$
$\begin{array}{llllllllllll}28 & 10 & 12+11 & 23 & 4 & 22 & 24 & 9 & 17 & 7 & 12 & 25\end{array} 121916$


## Write

 operation.Write $=$ sign. Circle.


$\square 4+11=$
$\square 2+3=5$
$\square 4+3=$
$\square 9+12=$
$\square 10+7=$
$\square 10+9=$
$\square 7+11=$
$\square 6+11=17$
$\square 5+7=$
$\square 4+5=$
$\begin{array}{llllllllllllllll}12 & 12 & 17 & 6 & 3 & 11 & 23 & 4 & 12 & 1 & 4 & 8 & 7 & 20 & 11 & 4\end{array}$ $\begin{array}{llllllllllllllll}22 & 18 & 21 & 4 & 5 & 11 & 18 & 20 & 4 & 19 & 3 & 3 & 20 & 6 & 18 & 7\end{array}$ $\begin{array}{llllllllllllllll}27 & 5 & 11 & 8 & 21 & 12 & 9 & 8 & 5 & 22 & 7 & 3 & 8 & 17 & 5 & 6\end{array}$ $\begin{array}{lllllllllllllll}15 & 10 & 11 & 4 & 18 & 17 & 4 & 6 & 24 & 17 & 10 & 5 & 4 & 12 & 18 \\ 11\end{array}$ $\begin{array}{llllllllllllllll}20 & 7 & 1 & 25 & 8 & 18 & 6 & 7 & 19 & 11 & 20 & 9 & 11 & 11 & 7 & 18\end{array}$ $\begin{array}{llllllllllllllll}10 & 2 & 10 & 9 & 6 & 12 & 19 & 4 & 10 & 7 & 3 & 3 & 15 & 5 & 7 & 12\end{array}$ $\begin{array}{llllllllllllllll}22 & 2 & 14 & 7 & 5 & 5 & 6 & 18 & 7 & 11 & 11 & 7 & 10 & 4 & 7 & 6\end{array}$ $\begin{array}{llllllllllllllll}16 & 28 & 3 & 9 & 16 & 7 & 18 & 5 & 17 & 19 & 1 & 18 & 8 & 12 & 5 & 12\end{array}$ $\begin{array}{llllllllllllll}16 & 5 & 3+3=6 & 1 & 11 & 10 & 4 & 3 & 5 & 4 & 4 & 15 & 4 & 25\end{array}$ $\begin{array}{lllllllllllllll}17 & 8 & 7 & 2 & 5 & 20 & 12 & 9 & 6 & 4 & 17 & 4 & 3 & 21 & 22\end{array} 9$ $\begin{array}{llllllllllllllll}6 & 3 & 10 & 4 & 8 & 19 & 9 & 19 & 1 & 7 & 16 & 5 & 11 & 27 & 25 & 7\end{array}$ $\begin{array}{lllllllllllll}26 & 4 & 7 & 7 & 2+3 & =5 & 7 & 5 & 10 & 2 & 9 & 3 & 11 \\ 10 & 7\end{array}$

Name:
Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

| imagine 9 in your head double it | imagine 4 in your head | imagine 5 in your head | imagine 2 in your head |
| :---: | :---: | :---: | :---: |
|  | add 4 | subtract 5 | add 7 |
|  | subtract 4 | add 1 | subtract 3 |
|  |  |  | double it |
| Write the number. | Write the number. | Write the number. | Write the number. |
| $A \quad B$ | C | D | $E$ F |

## What is the sum?

$$
A+B+C+D+E+F
$$

## Wow! Great job! That's the answer, but do you know how to SPELL the number?



| 3 after 17 | 9 before 13 | 1 before 11 |
| :---: | :---: | :---: |
| 4 after 19 | 4 before 18 | 2 before 19 |
| 1 after 18 | 6 before 16 | 3 before 15 |
| 5 after 16 | 7 before 14 | 5 before 17 |

Name:


Name:
100 less than 288

| $60-58=\ldots$ | How many tally marks? <br> HT HT \||| |
| :---: | :---: |

Write the final part of each math analogy.

## four + eight : $12:$ : ten + twelve :

Explain why you think your answer is correct.
first, $\qquad$ fifth, seventh : third :: fourth, $\qquad$ eighth, tenth

Explain why you think your answer is correct.


Name:


Name:


Look at the pattern. The frog will next go to number $\qquad$ .


Look at the pattern. The skateboarder will next go to number $\qquad$ .


Look at the pattern. The dancer will next go to number $\qquad$ .


Look at the pattern. The monkey will next go to number $\qquad$ .

$$
33+37=
$$

Name:


Name: $\qquad$
Write how much to add or subtract.
${ }_{5}+8{ }_{13}+8$
Start with 5
Add 8_. Repeat.
$8 \bigcirc 6$
Start with $\qquad$ .
Subtract $\qquad$ . Repeat.
${ }_{7}+13+$
Start with $\qquad$ . Add ___. Repeat.
19

Write how much to add or subtract.


Write how much to add or subtract.
9

12
 15
Start with $\qquad$ .
Add $\qquad$ . Repeat.

8
 13
Start with $\qquad$
Add $\qquad$ . Repeat.

Start with $\qquad$ .
Subtract $\qquad$ . Repeat.

Write how much to add or subtract.
0 5
 $8 \bigcirc$
11

14
$\bigcirc$
17

20


Start with $\qquad$ _.
Add $\qquad$ . Repeat.

Write how much to add or subtract.
67
O $58 \bigcirc$
$49 \bigcirc$
$40 \bigcirc$

$22 \square$
13
$\bigcirc 4$

Name:
Complete the pattern.


| 3 | 6 | 9 | 12 | 15 |
| :---: | :---: | :---: | :---: | :---: |



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