Name: $\qquad$

Help Robot find Rover. Color the boxes that have a difference of 3 or 6 to make a path.


|  | $\begin{array}{r} 12 \\ -\quad 1 \\ \hline \end{array}$ | $\begin{array}{r}14 \\ -\quad 1 \\ \hline\end{array}$ | $\begin{array}{r}10 \\ -\quad 5 \\ \hline\end{array}$ | $\begin{array}{r}15 \\ -\quad 1 \\ \hline\end{array}$ | $\begin{array}{r}15 \\ -\quad 2 \\ \hline\end{array}$ | $\begin{array}{r}11 \\ -\quad 4 \\ \hline\end{array}$ | $\begin{array}{r}10 \\ -\quad 4 \\ \hline\end{array}$ | $\begin{array}{r}12 \\ -\quad 3 \\ \hline\end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r}12 \\ -\quad 6 \\ \hline\end{array}$ | $\begin{array}{r}10 \\ -\quad 4 \\ \hline\end{array}$ | $\begin{array}{r}10 \\ -\quad 4 \\ \hline\end{array}$ | $\begin{array}{r}15 \\ -12 \\ \hline\end{array}$ | $\begin{array}{r}11 \\ -\quad 7 \\ \hline\end{array}$ | $\begin{array}{r}11 \\ -\quad 9 \\ \hline\end{array}$ | $\begin{array}{r}14 \\ -\quad 3 \\ \hline\end{array}$ | $\begin{array}{r}15 \\ -\quad 6 \\ \hline\end{array}$ | $\begin{array}{r}11 \\ -\quad 7 \\ \hline\end{array}$ |
| $\begin{array}{r}14 \\ -\quad 3 \\ \hline\end{array}$ | $\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ -\quad 13 \\ \hline \end{array}$ | $\begin{array}{r}12 \\ -\quad 1 \\ \hline\end{array}$ | $\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ -\quad 3 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ -\quad 6 \\ \hline \end{array}$ |
| $\begin{array}{r} 7 \\ -22 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ -\quad 10 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ -\quad 9 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$ | $\begin{array}{r} 11 \\ -\quad 3 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ -\quad 14 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ -\quad 11 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$ |
| $\begin{array}{r} 13 \\ -\quad 11 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ -\quad 3 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ -\quad 11 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ -\quad 6 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ -\quad 6 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$ |
| $\begin{array}{r} 10 \\ -\quad 9 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ -\quad 9 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ -\quad 10 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ -\quad 7 \\ \hline \end{array}$ |
| $\begin{array}{r} 13 \\ -\quad 10 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ -\quad 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 10 \\ -\quad 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$ |
| $\begin{array}{r}11 \\ -\quad 9 \\ \hline\end{array}$ | $\begin{array}{r} 7 \\ -\quad 1 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$ | $\begin{array}{r}14 \\ -\quad 8 \\ \hline\end{array}$ |  |

Name: $\qquad$
What happens when you add even numbers?

$$
6+4=\quad 4+8=\ldots
$$

$$
4+10=\quad 12+10=\quad 14+8=
$$

$14+2=$ $\qquad$ $2+6=$ $\qquad$ $12+14=$ $\qquad$

## When you add two even numbers together,

## the sum will always be

The numerator of a fraction is five. The denominator of a fraction is eleven. Write the fraction.

Draw a pizza pie showing this fraction.

Name: $\qquad$
Make change. You can use $\$ 20, \$ 10, \$ 5, \$ 1,25 \llbracket, 10 \llbracket, 5 \llbracket$, or $1 \uparrow$.
Use the fewest bills and coins to make $\$ 27.55$.

$\square$


Use the fewest bills and coins to make $\$ 31.47$.

Use the fewest bills and coins to make $\$ 24.38$.

Use the fewest bills and coins to make $\$ 35.35$.

| $81+43=\ldots$ | Circle the adverb in the sentence. On <br> the line, write whether the adverb tells <br> how, when, or where something was <br> done. <br> Sometimes, I take naps. | $5 \boxed{45}$ |
| :--- | :--- | :--- |

Name: $\qquad$
Complete each pattern, using the same rule. Write what the rule is.

$$
4,2,4,2,4,2,4, \longrightarrow-2,4,2,4,2
$$

$\qquad$ 6, 8, 6, 8, 6, $\qquad$ 6, 8, 6, 8

Complete each pattern. Write what the rule is.

| 8 | 48 | 288 | 1,728 | 10,368 | 62,208 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 18 | 162 | 1,458 |  | 118,098 |
| 1 | 7 | 49 | 343 | 2,401 |  |
| 5 | 20 |  |  | 1,280 | 5,120 |

Name:

| Gavin saw 5 Play-Doh frogs and 4 Play-Doh birds. Each frog has 4 legs, and each bird has 2 legs. How many total legs do these 9 Play-Doh frogs and birds have? | Ava went to the circus with her father and mother. The best part of the circus was the clown. He could juggle and make people laugh at the same time! The tickets cost $\$ 6.76$ each. How much did it cost for Ava, her father, and her mother to go to the circus? | The students in Ms. Clark's class were planning to decorate white t-shirts with fabric paint on White T-Shirt Day. Sara's mother went to the store and bought a new white $t$-shirt for her. The t-shirt cost \$6.16. She gave the clerk \$9. How much change did she get? |
| :---: | :---: | :---: |



Name:

## Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 9. Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8 .


|  |  | 8 |  |  |  | 1 | 2 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 |  | 6 | 1 |  |  | 7 |  |
|  | 7 | 4 |  |  | 9 | 8 | 6 | 5 |
|  | 4 |  |  |  |  |  |  |  |
| 2 |  |  | 7 |  | 5 |  |  |  |
|  |  | 7 | 1 | 6 |  |  |  | 2 |
|  | 6 |  | 9 |  |  |  |  |  |
|  |  |  | 3 |  |  | 9 | 4 |  |
|  |  |  |  | 7 |  | 5 |  | 6 |

List the first four multiples of 8 .


Name:

| Color in $\frac{2}{3}$ of the rectangle. | If $\mathrm{J}=4$, then what does $\mathrm{J}+3$ <br> equal? | 9 <br> -4 |
| :--- | :--- | :--- | :--- | :--- | :--- |



Name:

| $\begin{array}{r} 173 \\ -96 \\ \hline \end{array}$ | $\begin{array}{r}50 \\ +63 \\ \hline\end{array}$ | $\begin{array}{r}67 \\ +35 \\ \hline\end{array}$ | $\begin{array}{r}96 \\ -14 \\ \hline\end{array}$ | $\begin{array}{r}85 \\ +16 \\ \hline\end{array}$ | $\begin{array}{r}126 \\ -58 \\ \hline\end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r}153 \\ -54 \\ \hline\end{array}$ | $\begin{array}{r}112 \\ -73 \\ \hline\end{array}$ | $\begin{array}{r}82 \\ +21 \\ \hline\end{array}$ | $\begin{array}{r}11 \\ +42 \\ \hline\end{array}$ | $\begin{array}{r}108 \\ -62 \\ \hline\end{array}$ | $\begin{array}{r}27 \\ +45 \\ \hline\end{array}$ |
|  |  |  |  |  |  |
| 64 |  |  |  |  |  |
| $\begin{array}{r}64 \\ -45 \\ \hline\end{array}$ | $\begin{array}{r}52 \\ +20 \\ \hline\end{array}$ | $\begin{array}{r}75 \\ +18 \\ \hline\end{array}$ | $\begin{array}{r}106 \\ -30 \\ \hline\end{array}$ | $\begin{array}{r}96 \\ +33 \\ \hline\end{array}$ | $\begin{array}{r}138 \\ -97 \\ \hline\end{array}$ |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| $\begin{array}{r}107 \\ -57 \\ \hline\end{array}$ | $\begin{array}{r}54 \\ +70 \\ \hline\end{array}$ | $\begin{array}{r}142 \\ -43 \\ \hline\end{array}$ | $\begin{array}{r}168 \\ -89 \\ \hline\end{array}$ | $\begin{array}{r}24 \\ +\quad 14 \\ \hline\end{array}$ | $\begin{array}{r}87 \\ +54 \\ \hline\end{array}$ |
|  |  |  |  |  |  |
| 33 |  | 91 | 57 | 59 | 127 |
| +86 | +43 | -22 | -35 | 59 +59 | -66 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| $\begin{array}{r}80 \\ +50 \\ \hline\end{array}$ | $\begin{array}{r}44 \\ +96 \\ \hline\end{array}$ | $\begin{array}{r}99 \\ -77 \\ \hline\end{array}$ | $\begin{array}{r}60 \\ -\quad 17 \\ \hline\end{array}$ | $\begin{array}{r}73 \\ -\quad 34 \\ \hline\end{array}$ | $\begin{array}{r}31 \\ +79 \\ \hline\end{array}$ |
|  |  |  |  |  |  |
| 108 |  | 137 | 21 | 71 |  |
| - 32 | $\begin{array}{r}32 \\ +32 \\ \hline\end{array}$ | -62 | +99 + | $\begin{array}{r}91 \\ +90 \\ \hline\end{array}$ | -988 |
|  |  |  |  |  |  |



Name: $\qquad$

$$
3 \bullet 7 \bullet 0 \bullet-\bullet 4 \bullet 6 \bullet 1 \bullet 8 \bullet 4 \bullet-\bullet 1 \bullet 2 \bullet-\bullet 9 \bullet=\bullet 0 \bullet+
$$

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


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

$\square$

Name: $\qquad$
Mental Math
Start with the number 829.
829

Subtract 6.
5068982325 (Circle your answer to double check you are correct.)


Add 4 tens.
3863956321
$\rightarrow$ Round to the nearest ten.
4283860118
Add the number of ounces in 1 pound.
7318765942
Divide that number in half.
5331774389
Subtract 5 .
4336542933
(s. Increase that number by 12.

8144534060
Subtract 8 .

```
6549834379
```

Add the number of quarters in a dollar.
2882441764
Add the digits in your number. The sum of that is your new number.

Name: $\qquad$
Write a line segment that has the given distance (in units). If there is more than one answer then write only one line segment.


9 units $\qquad$ 4 units $\qquad$ 8 units $\qquad$
Draw a new line segment UW that is the same length as line segment OD.
You will need to plot the points U and W on the chart.

Name: $\qquad$
Complete each pattern, using the same rule. Write what the rule is.

$$
6,8,10, \ldots, 16
$$

$14,16, \ldots, \quad 22$,

12, _ , 16, _ , 22

Complete each pattern. Write what the rule is.
$6,11,16,23, \ldots \longrightarrow, 48,59,70,83,96,111,126,143,160,179$
$35,40,45,52,59,68,77,88,99$, $\qquad$ ——. 140, 172

Name: $\qquad$
Each box needs a number from 1 to 9 . You may re-use numbers.
One set of sums has been done for you.


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.


| If $\square=8$, then $13-\square=$ | O agree |
| :--- | :--- |
| There were 128 men on <br> the ship. During the storm, | O agrea |
| 34 of the men got sick. |  |
| How many men did not <br> get sick? | O agrie |
|  |  |

Which is smaller, $\frac{3}{4}$ or $\frac{1}{5}$ ?



