

Name: $\qquad$

Help Robot find Rover. Color the boxes with odd sums to make a path.



Name: $\qquad$
$\square$

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

$8+4-1-4$

## How many?



Anne took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.
double 700


How many hours are there from 5 a.m. to 4 p.m.?

If you know
$83+27=110$
Then what is $83+24$ ?
0, 8, 0

Name: $\qquad$
$\square$

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


How much is this?


Draw 6 small squares. Then color in some to show $\frac{1}{2}$.

double 20


3 less than 753
How many hours are there from 6 a.m. to 5 p.m.?

Rose has five tickets to the middle school play. She gave Pam a ticket. She gave two tickets to Jenna. How many tickets does Rose have left?
$A, K, B, L, C, M, D, N$,
$\qquad$
,

68, 85, 102, 119,
_ 153
$\square$
Name:
Find the missing numbers. These both have the same rule. What is the rule?
If If
$1,11=12$
$7,11=18$
$2,14=16$
$8,13=21$
$3,18=21$
$9,16=25$
$4,21=25$
$10,18=28$
Then
$5,26=?$
Then
$11,22=$ ?

What is the rule for each pattern?
$3,3,8, \longrightarrow \longrightarrow, 33,18,48,23,63,28,78,33$
$6,6,20,12,34,18,48,24,62,30,76,36$, $\qquad$
$\ldots, 43,53,46,63,49,73,52,83,55,93,58$

Name:

Four children were waiting to see the doctor. Seven children joined them. How many children were waiting to see the doctor then?


Adam has six books about the stars, three books about dogs, and four books about snakes. He gave four books to Justin. How many books does Adam have now?

There were 121 people at the park at 9:00 a.m.
They were there to celebrate. It was
International
Enthusiasm Week. At 9:30 a.m., 125 more people came. How many people were at the park then?
$6+3-2-3-3$
$5+2+5-2$

There are five students in the lunch line. Rosa is 47 inches tall. Amanda is 46 inches tall. Robert is 49 inches tall. Nathan is 45 inches tall. Ava is 50 inches tall. What is the difference in height between the tallest and shortest student?

Baby Bird didn't want to start flying. He was afraid. He might fall to the ground and hurt himself. He put off trying to fly for a long time. His brothers and sisters made fun of him.
Finally, he tried. Guess what happened? On his first flight he flew 6 feet and 10 inches to the next tree! On his second flight he flew 12 feet and 4 inches to another tree. Baby Bird loved flying! How much further did Baby Bird fly on his second flight than he did on his first flight?

Peter and Mary drew a picture of a dinosaur on the school parking lot. The picture was as big as the real dinosaur! They used three boxes of sidewalk chalk to color in the dinosaur. Each box had fourteen pieces of chalk. How many pieces of chalk did they use to color in the dinosaur?


Buzzy the Honeybee estimated that it takes 40 bees working for 8 days to make one pound of honey. If he is right, how many bees does it take to make 4 pounds of honey in the same number of days?


Jack shared his bag of jelly beans with his friends. The 5 boys divided 40 jelly beans
equally. How many did divided 40 jelly beans
equally. How many did each boy get?


David has 4 bags of Canadian flags. Each bag has 5 flags. Anna takes 10 flags from David. How many flags does David have left?
$4+\square=7 \quad 9+\square=31 \quad 8+\square=33 \quad 13+\square=35$

Name: $\qquad$

Write this number:
9 thousands, 5 ones


If you know $88+12=100$
Then what is $88+9$ ?


A, D, G, J, M, P, $\longrightarrow, ~ V, Y$
double 400

$$
14, \ldots \text { 18, 20, 22, }
$$

24, 26, 28

38, 51, $\qquad$ 77. 90, 103, 116, 129
$\square$
Name: $\qquad$

$\square$
Name: $\qquad$
David's favorite player is number 56-17. "What's your favorite player?" David asks Connor. "My favorite player's jersey has a number that is 9 more than your favorite player," Connor replies.

What number is on the jersey of David and Connor's favorite players?

I am an even whole number. I am greater than 0 and I am also less than 20. If you multiply me by 5 the product will be less than 2 . What possible number or numbers could I be?

Name:

Rosa and her father walked two miles.
Wendy and her father walked six miles. Emily and her father walked five miles. Hannah and her father walked five miles. How many miles did the girls walk in all?
$9-3+4-5+4$

Peter and Robert are playing a very quiet game of marbles.
Peter had 31 marbles. Robert gave him some more. Now Peter has 42 marbles. How many marbles did Robert give to Peter?

What number multiplied by five is twenty?

Alex read 124 limericks. Gavin read 102 limericks. How many limericks did they read in all?

5 less than 675

Gavin bought a box of beads for his craft project. There are 4,669 beads in the box. Round off 4,669 to the nearest hundred.

If you know
$70+17=87$
Then what is $70+16$ ?

There were six rat traps in the barn.
There were two rats in each trap. How many rats in all were in the traps?

How many hours are there from 6 a.m. to 4 p.m.?

The mailman spent 5.8 hours delivering mail today. Write that number in expanded form.

## Write this number:

6 hundreds, 2 ones

Name:

Alex had saved some money to spend on Splurge Day. He said he was going to buy the world's biggest stack of pancakes! He had 6 \$1-bills, 5 half dollars, 3 quarters, 6 dimes, 5 nickels, and 11 pennies. How much money did he have in all? (Hint: Drawing a picture might help!)

Mr. and Mrs. Thompson are remodeling their house. The bathroom in the hallway will have a special bathtub in it. The bathtub has a door on the side so Grandmother Thompson can get into the bathtub from her wheelchair. The bathtub is 5 feet 9 inches long and 3 feet 6 inches wide. What is the perimeter of the bathtub?


Mrs. Anderson makes baby quilts for the Cozy Cuddles Club. The club donates the quilts to the shelter. Last year she made 5 quilts each month. How many quilts did she make in the whole year?

8-2-3
double 90

Ms. White made a honey cake on Don't Step on a Bee Day. There are 5 people in her family. Each person gets an equal part. What fraction of the cake will each person get?

How many hours are there from 8 a.m. to 7 p.m.?

What number multiplied by two is fourteen?

Justin is learning to cook. Today he is making chocolate cakes for his best friend's birthday party. There will be 32 people at the party. Each cake will serve 8 people.
How many cakes should he make?

Name: $\qquad$
Bill brought 81 cookies to share with everyone in his class. That sounds like a lot, but they are mini cookies. Each cookie is only 1 inch in diameter!
They are oatmeal cookies, his favorite. Would you believe everyone in his class likes oatmeal cookies?
"I don't," interrupted Sally.
Okay, everyone likes then except for Sally. She doesn't like anything sweet. Bill wants everyone to get the same number of cookies. There are 14 kids in his class, including himself.
"Did you forget anyone else?" Miss Smith laughed. She is a cookie monster, so Bill wants to include her, too.
Quick! Everyone is hungry. How many cookies will everyone get? Don't forget to skip Sally!
Follow up: How many cookies are left and could not be shared evenly?

Show your work.
$\square$
Name:
Show what $9 \times 4$ looks like by drawing an array. What is the answer?

It's Saturday, and Rosa only has one thing to do today, walk Cooper. Rosa woke up at 8:47 in the morning, and immediately went for a walk with him. While she went for this first walk of the day, Rosa set an alarm on her phone to remind her to walk Cooper every four-and-a-half hours. And that's exactly what she did! At 10 p.m. Rosa fell asleep. How many walks did Cooper get?

Name: $\qquad$
Common Denominators

*Graphing*

$\square$
Name:
If you add 4 of these numbers, the total is 42.
"But there are 6 numbers," interrupts Adam.
"Exactly," replies Megan. "We need to figure out which 2 numbers to cross off."
Megan is almost correct. Actually, YOU need to cross off the 2 numbers. Good luck.

2
3
24
6
9
7


If you know $87+17=104$
Then what is $87+14$ ?
$C, G, K, \longrightarrow S, W$
Write this number:
9 thousands, 6 tens, 2 ones,
5 hundreds
8, 16, 32, 40, 48, 56, 64, 72, 80
$4+2=\square$
$\square$
$\square$ $7+1=$
$\square$
Name:

$$
\begin{aligned}
& 14=\_-2 \\
& -\quad=21-11 \\
& 15=-10
\end{aligned}
$$

3 less than 643

$67+67+67+67+67$ Change this into a multiplication problem.
$\qquad$
$\qquad$


5 less than 375
$\square$
Name: $\qquad$
It was Bring a Stuffed Animal to Class Day. There are 7 boys and 9 girls in the class. 8 kids brought in bears for their stuffed animal. The rest of the kids brought in different kinds of stuffed animals. How many kids did not bring bears to class?

## Show your work.

$\square$
Name: $\qquad$

| $X$ | 1 | 1 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$ | -x | x | - |
| 2 | $\underline{2} \times 1$ | $\begin{gathered} 2 \\ 2 \times 1 \\ \hline \end{gathered}$ | $\underline{2} \times$ | $\begin{array}{r} 18 \\ 2 \times \\ \hline \end{array}$ | $\begin{array}{r} 18 \\ 2 \times- \\ \hline \end{array}$ |
|  | $\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$ | _x 1 |  | $63$ | -x |
| 6 | $\underline{6} \times 1$ | $6 \times 1$ | $\begin{array}{r} 24 \\ \underline{6} \times=1 \end{array}$ | $\underline{6} \times$ | $\begin{array}{r} 54 \\ \underline{6} \times \underline{1} \end{array}$ |
| 1 | $1 \times 1$ | $1 \times 1$ | $1 \times$ | $1 \times$ | $\underline{1} \times$ |




How many hours are there from 9 a.m. to 4 p.m.?

Write this number:
9 ones, 5 thousands, 7 hundreds
$6-5+4-1+5$
$89+51=$

Name: $\qquad$
Can you draw lines to cover every number or shape in the picture?
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot! The first one is already done for you. Good luck.

Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 5 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.


Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.

Draw exactly 7 lines.
Start on the square.
Do not pick up your pencil.


Name: $\qquad$
Maya sold a lot of cookies. She sold so many cookies that she was the top seller in her troop.
"How many did she sell?" asked Jake.
"Let me see," said Maya. "I sold 88 boxes of Samoas, 92 boxes of Thin Mints, and 124 boxes of Trefoils. Want to go play in the backyard?"
"No time to play," interrupted her mom. "We need to go to Emily's house to pick up the boxes." "Hi, Emily," Maya said when they got there. "Can we have a sleepover, Mom?"
"Did you forget why we came here?"
"Oh, yeah. Emily, I need to get my boxes of cookies."
Emily went to get her boxes of Samoas, Thin Mints, and Trefoils. All the cookies come in cases of 12. Emily's dad already prepared the Samoas. "Here you go," said Emily's dad. "Here are 7 cases of Samoas and 4 additional boxes for a total of 88 boxes. Let me just double check. Yup, 7 cases multiplied by 12 is 84 . Then add 4 for a total of 88 boxes. Wow, you sold a lot! You must be tired. I'm tired, too! You go get the rest of your cases and boxes."
What should Maya take to complete her Thin Mints and Trefoils orders?

Please show how you found your answer.
$\square$
Name:
Cross off the number that does NOT belong.
$35,35,41,45,47,55,53,65,59,75,83,65,85,71$
$\qquad$ not belong in the pattern?

Cross off the letter that does NOT belong.

> A, B, F, J, N, R, V, Z

Why does $\qquad$ not belong in the pattern?

Name: $\qquad$
Fill in the missing numbers.
Only rule - The same number CAN NOT be next to each other, in ANY direction.
Dark lines surround a block. Numbers to use in a block:
A block with 1 space has to be the number 1 .
A block with 2 spaces must have the numbers 1 and 2 .
A block with 3 spaces must have the numbers 1,2 , and 3 .
A block with 4 spaces must have the numbers 1,2,3, and 4 .


An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

$$
3214
$$



Hint - These numbers are missing:

$$
4 \quad 4 \quad 3 \quad 3
$$



An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

$$
4231
$$



Hint - These numbers are missing:

$$
2421
$$

$\square$
Name: $\qquad$
Fill in the missing numbers.
Only rule - The same number CAN NOT be next to each other, in ANY direction.


Hint - These numbers are missing:

$$
1432
$$



Hint - These numbers are missing:

## $\begin{array}{lllll}2 & 1 & 3 & 1 & 1\end{array}$



Hint - These numbers are missing:

$$
\begin{array}{llllll}
3 & 2 & 1 & 2 & 4 & 4
\end{array}
$$



Hint - These numbers are missing:

$$
\begin{array}{lllllll}
4 & 3 & 2 & 4 & 3 & 1 & 2
\end{array}
$$



## Name:

$\qquad$
Complete each path from the beginning of the rainbow to the end. You can move in any direction-vertically, horizontally, or diagonally. You must skip over one square and land on the next. You cannot land on squares with odd numbers.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| START | 13 | 2 | 11 | 48 | 9 | 6 | 7 | 22 | 27 | 14 | 15 | 46 | 33 | ENO |
| 35 | 50 | 25 | 72 | 23 | 96 | 19 | 52 | 17 | 43 | 90 | 41 | 84 | 39 | 86 |
| 18 | 37 | 4 | 83 | 1 | 70 | 10 | 77 | 24 | 79 | 8 | 75 | 16 | 82 | 5 |
| 87 | 68 | 91 | 94 | 89 | 93 | 73 | 59 | 95 | 58 | 57 | 74 | 81 | 55 | 60 |
| 44 | 85 | 28 | 114 | 12 | 99 | 20 | 97 | 26 | 111 | 30 | 61 | 32 | 53 | 3 |
| 98 | 110 | 115 | 113 | 103 |  | 51 |  | 49 | 80 | 65 | 45 | 63 | 62 | 78 |
| 47 | 109 | 36 | 116 | 42 | 112 | 34 | 105 | 38 | 71 | 29 | 69 | 40 | 67 | 21 |
| 100 | 54 | 108 | 107 | 106 | 56 | 66 | 104 | 88 | 102 | 31 | 64 | 101 | 76 | 92 |


| STRRT | 2 | 48 | 6 |  | 14 | 46 | ENO | 10 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STRRT |  | 12 |  |  | 30 | 32 | 8 |  | ENO |  |
| STRRT | 18 |  | 12 | 10 |  | 8 |  |  | ENO |  |
| STRRT | 18 |  |  |  | 34 | 20 |  |  | 46 | ENO |
| START |  | 28 |  | 42 |  |  | S | 32 |  | ENO |
| START | 4 |  | 12 |  |  | 26 |  | 8 | 16 | ENO |
| STRRT | 2 |  |  | 24 |  |  |  | ENO |  | edreleer |

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 6 in your <br> head <br> add 8 <br> add 2 | imagine 8 in your <br> head <br> subtract 5 <br> add 3 |
| :--- | :--- |
|  | Write the tens digit. <br> Write the number. |

imagine 7 in your
head
add 1
subtract 5
Write the number.
$\frac{C}{C}$
imagine 6 in your
head
add 4
subtract 3
Write the number.
$\frac{D}{}$
head
add 4
subtract 3

D

What is the sum?

$$
A+B+C+D
$$

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

7 before 13 $\qquad$ 5 after 13 $\qquad$ 7 after 12 $\qquad$

9 before 16 $\qquad$ 6 after 17 $\qquad$ 1 after 18 $\qquad$

2 before 12 $\qquad$ 4 after 16 $\qquad$

2 after 14 $\qquad$ 3 after 1 $\qquad$
4 before 17 $\qquad$

8 after 15 $\qquad$

7 after 89 $\qquad$
$\square$
Name: $\qquad$
Draw a line from START to END. 303

274
217
283
Cross out the number you use above and then write it below.


Name: $\qquad$


Megan has four nickels and six dimes. She is at the candy store. Each chocolate coin is ten cents. How many can she buy?
If you know
$89+13=102$
Then what is $89+11 ?$

How many hours are there from 6 a.m. to 9 p.m.?
$6-1+2-4+2$

112, 128, 144, 160,
192, 208, 224
$4-3+4$
6 less than 656
$\qquad$ 52, 62, 72, 82, 92, 102, 112

## Name:

Emma lives in Sitka, Alaska. Emily lives in Atlanta, Georgia. On the first day of winter it was five degrees in Sitka, Alaska. On the same day it was
thirty-three degrees in Atlanta. How much colder was it in Sitka?

Mary read a book about South Africa.
There were 259 pages in the book. She read
177 pages the first week.
She finished it the second week. How many pages did she read the second week?

## 6 less than 646

 , 56,$64,72,80,88$

Kevin works at Herman's Hamburger Heaven. He puts 4 slices of a pickle on each hamburger. Today he made 28 hamburgers. How many slices of pickle did he use on the hamburgers?

Write this number:
9 tens, 3 thousands, 7 ones
Mike picked up 26
pieces of trash. Jimmy picked up 17 pieces of trash. Bobby picked up 12 pieces of trash, and then he picked up 3 more pieces of trash.
Which boy picked up the most pieces of trash?

Kevin's grandfather likes to watch birds.
Yesterday he watched the birds at the feeders for just 6 minutes and counted 24 birds! About how many birds did he count each minute?
at that speed, how far could a black mamba travel in three hours?
There are over 2,700 kinds of snakes! The fastest snake on record is the African black mamba. It can crawl seven miles per hour over short distances. If it could travel a long distance



