

# MONTHLY MATH CHALLENGE

## September



My Name: \_\_\_\_\_

Try to do 1 page  
a day. You can  
SKIP 2 pages.  
Have fun.

- |                                 |                                  |                                  |
|---------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> page 1 | <input type="checkbox"/> page 10 | <input type="checkbox"/> page 24 |
| <input type="checkbox"/> page 2 | <input type="checkbox"/> page 11 | <input type="checkbox"/> page 25 |
| <input type="checkbox"/> page 3 | <input type="checkbox"/> page 12 | <input type="checkbox"/> page 26 |
| <input type="checkbox"/> page 4 | <input type="checkbox"/> page 13 | <input type="checkbox"/> page 27 |
| <input type="checkbox"/> page 5 | <input type="checkbox"/> page 14 | <input type="checkbox"/> page 28 |
| <input type="checkbox"/> page 6 | <input type="checkbox"/> page 15 | <input type="checkbox"/> page 29 |
| <input type="checkbox"/> page 7 | <input type="checkbox"/> page 16 | <input type="checkbox"/> page 30 |
| <input type="checkbox"/> page 8 | <input type="checkbox"/> page 17 |                                  |
| <input type="checkbox"/> page 9 | <input type="checkbox"/> page 18 |                                  |
|                                 | <input type="checkbox"/> page 19 |                                  |
|                                 | <input type="checkbox"/> page 20 |                                  |
|                                 | <input type="checkbox"/> page 21 |                                  |
|                                 | <input type="checkbox"/> page 22 |                                  |
|                                 | <input type="checkbox"/> page 23 |                                  |

Find a helper to double-check  
your work. Write their name:



**Name:** \_\_\_\_\_

Holly read 5 books on Johnny Appleseed. She read 3 books on apples.  
How many books did Holly read in all?

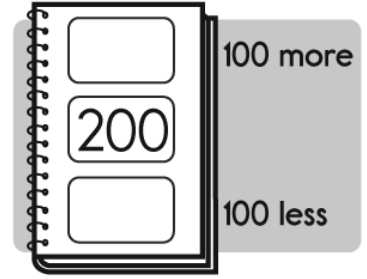
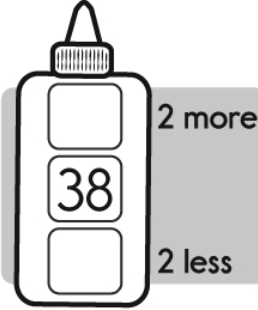
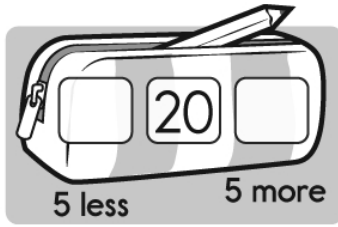
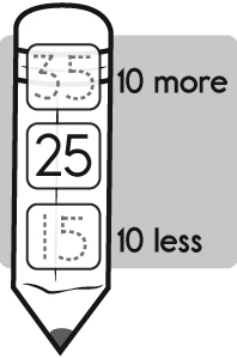
How many more books did Holly read on Johnny Appleseed than apples?

Lou played 3 baseball games and 4 soccer games in September.  
How many more soccer games did Lou play than baseball games?

How many games did Lou play in all?

Name: \_\_\_\_\_

# More and Less



5 •  
*Connect  
the Dots*

6  
•  
• 7  
• 13  
12 •  
• 1

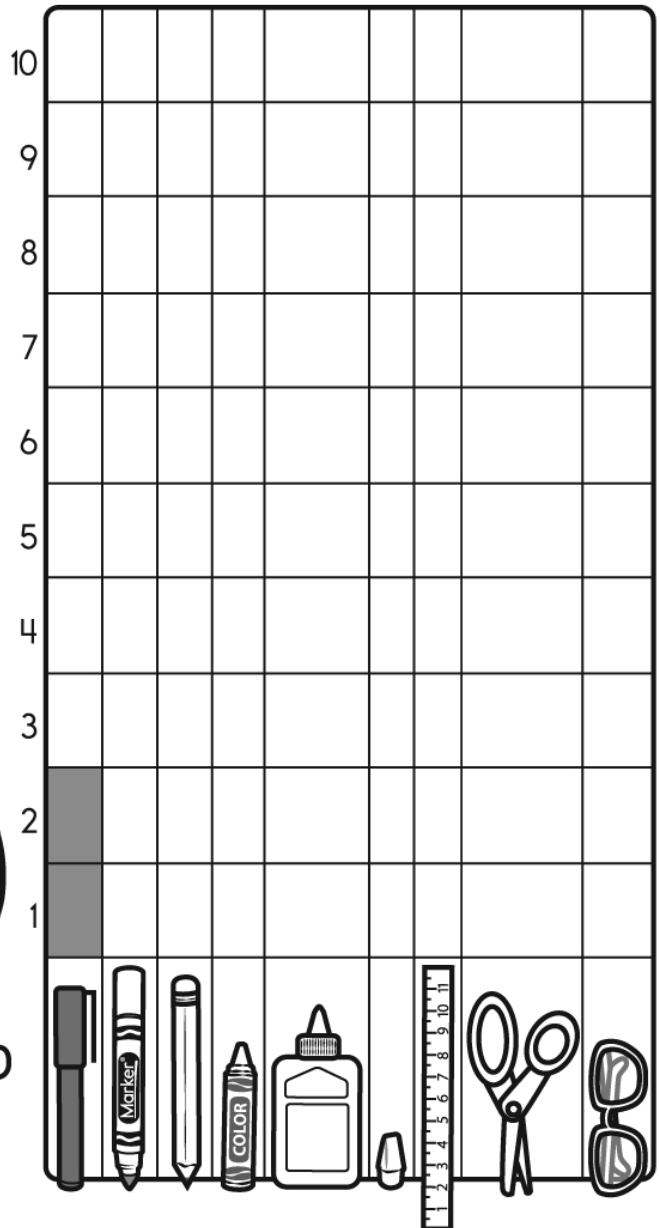
4  
• • 9

• • 10  
3

8  
•  
• 11  
•  
• 2



Graph the  
Supplies



Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)**I PLAYED  
ONE  
GAME**☐(Check the  
box after  
you play.)**MY SCORE**

\_\_\_\_\_

Circle all the ways to make  
4. $1 + 3$     $2 + 2$     $4 + 1$   
 $1 + 1$     $2 + 1$     $3 + 3$   
 $4 + 2$     $2 + 3$ 

29, 30, \_\_\_\_, \_\_\_\_, \_\_\_\_, 34

C, \_\_\_\_, K, O, S, W

1 ten + 2 ones = 12

7 tens + 2 ones = \_\_\_\_

2 tens + 5 ones = \_\_\_\_

8 tens + 0 ones = \_\_\_\_

Write the numbers.

four \_\_\_\_

nine \_\_\_\_

eight \_\_\_\_

eleven \_\_\_\_

one \_\_\_\_

What comes before  
and after?

\_\_\_\_, 72, \_\_\_\_

\_\_\_\_, 92, \_\_\_\_



☐

I did page 4

☐I decided to skip this page  
edHelper**Name:** \_\_\_\_\_

Sally saw someone selling squishies at the mall. They were so cute! All of the girl squishies had purple ears. All of the boy squishies had red noses.

"Try squeezing them," said the person at the shop. "All of the squishies with purple ears are buy one get one free."

"Oh," said Sally. "So all of the <cough> <cough> are buy one get one free?"

Sally has a cold. What did she mean to say?

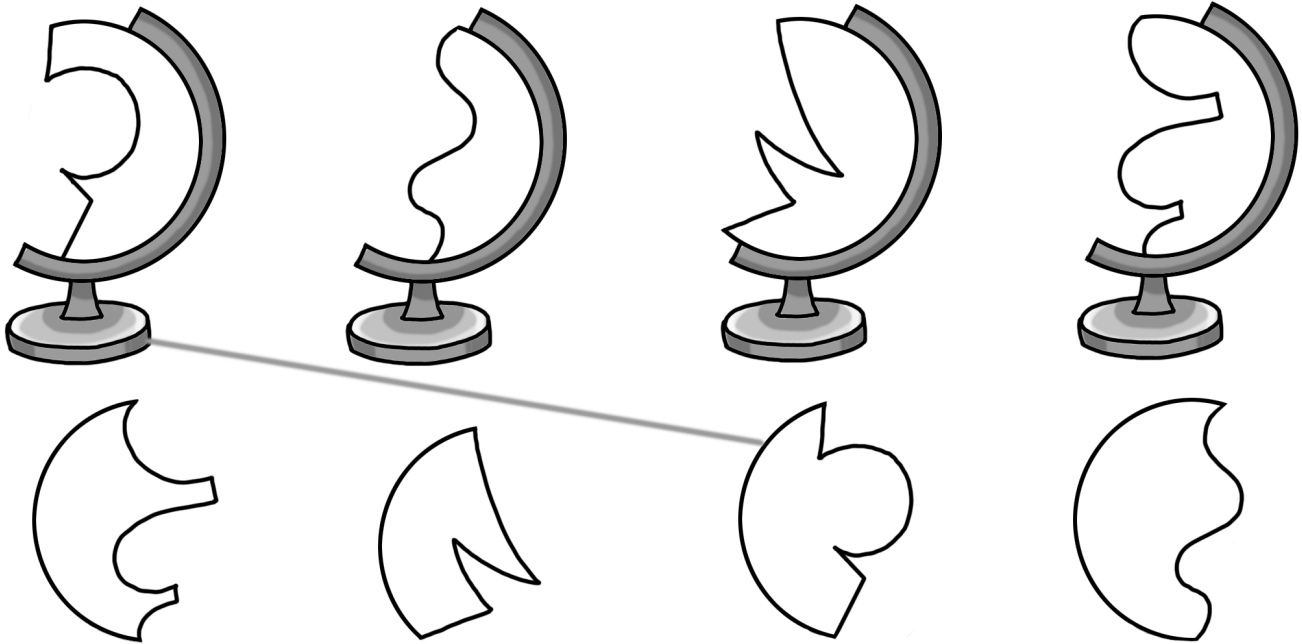
Show your work.

Name: \_\_\_\_\_

2 after 10 12      4 after 5 \_\_\_\_\_  
5 after 7 \_\_\_\_\_      1 after 21 \_\_\_\_\_  
3 after 8 \_\_\_\_\_      6 after 3 \_\_\_\_\_



Draw a line to finish each globe.



Circle the odd numbers. Underline the even numbers.



Name: \_\_\_\_\_



Science Day



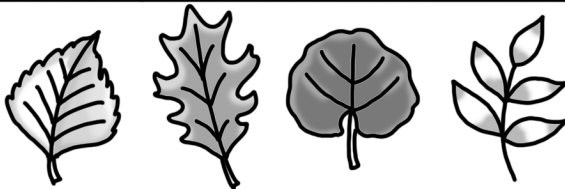
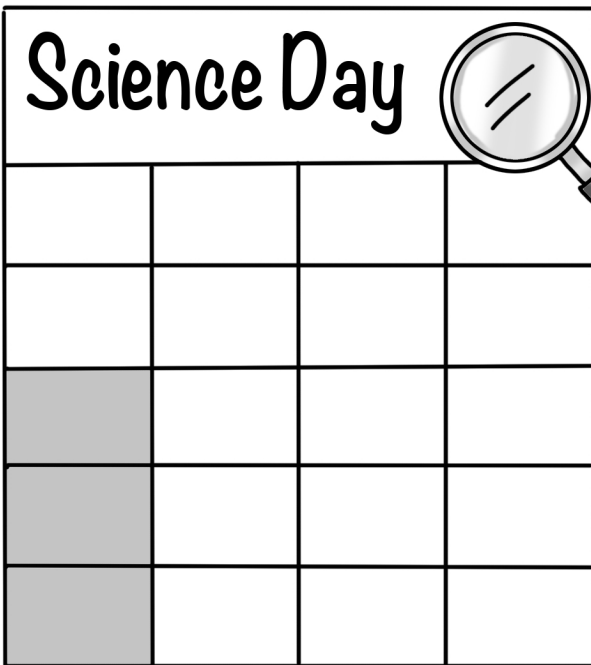
5

4

3

2

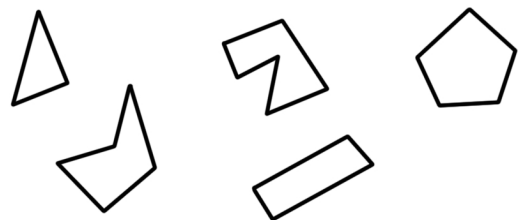
1



Look at a calendar. How many  
days does this month have?

\_\_\_\_\_ days

Circle the shapes  
with 5 sides.



Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)



**I PLAYED  
ONE  
GAME**

☐

(Check the  
box after  
you play.)

**MY SCORE**

\_\_\_\_\_



29, 30, \_\_\_\_, 32, \_\_\_\_

\_\_\_\_\_

How many?



$9 + 1 = \underline{\quad}$

$10 + 1 = \underline{\quad}$

How much is this?



What is ten more than 82?

9, 11, 13, \_\_\_\_, 17, 19,

21

F A R M M G F A R M E Q I N Y J S M X L F A R M R A

C O R N C O R N C O R N N U C E N C N C T O S V C

**Name:** \_\_\_\_\_

Sal had 4 green apples and 2 red apples.  
Of which color apple did Sal have the most?

How many apples did Sal have in all?

Fred counted 2 blue backpacks and 6 black backpacks on the first day of school.  
How many more black backpacks did Fred count than blue backpacks?

How many backpacks did Fred count in all?

Name: \_\_\_\_\_

Ready for a brain teaser?

"Whenever it rains, the ground is wet," said Billy.

"Wow," replied Sally. "Guess what? It is raining."

Is there anything else that must be true?

The next week, Sally was hoping to trick Billy.

"Hey, Billy. Remember you said whenever it rains, the ground is wet?" asks Sally.

"Yeah. So?" asks Billy.

"Well, look. The ground is wet," replies Sally.

Is there anything else that must be true?

☐

I did page 10

☐I decided to skip this page  
edHelper**Name:** \_\_\_\_\_

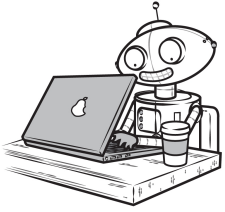
Hope made 4 hats in the morning and 6 hats in the afternoon.  
When did Hope make the most hats?

How many hats did Hope make in all?

Carl had 6 red crayons, 4 green crayons, and 2 blue crayons.  
How many more red crayons did Carl have than blue crayons?

How many crayons did Carl have in all?

Name: \_\_\_\_\_



Dr. Programmer is good friends with Simon.

Dr. Programmer has a playdate with Simon.

Dr. Programmer is showing Simon his computer.

Dr. Programmer typed:

```
print ( "Hello" )
```

The computer replied:

H e l l o

```
print ( "My name is  
Doctor Programmer." )
```

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

```
print ( "I also like first grade." )
```

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Which shows a way to  
make 8?☐ 4 + 5      ☐ 6 + 3☐ 7 + 2      ☐ 4 + 4

eight

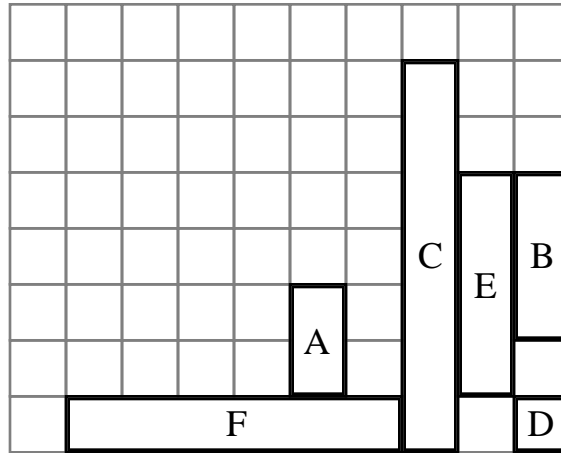
☐ 2☐ 8☐ 4

9 + 2 = \_\_\_\_\_

☐ 9☐ 11☐ 1



Name: \_\_\_\_\_



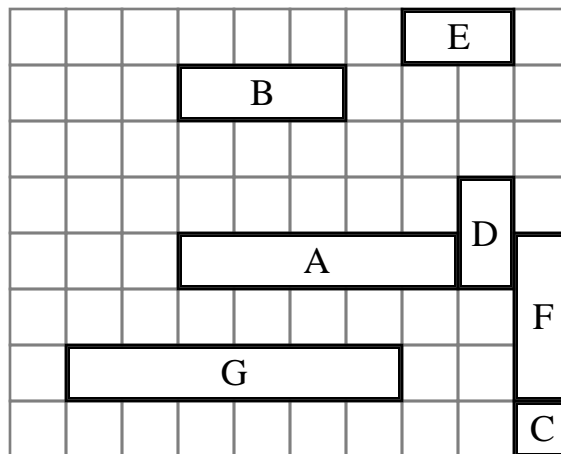
Rectangle C is \_\_\_\_\_ units long.

Rectangle A is \_\_\_\_\_ units long.

Rectangle \_\_\_\_\_ is the shortest rectangle.

Rectangle B is shorter than rectangle \_\_\_\_\_

Rectangle \_\_\_\_\_ is the longest rectangle.



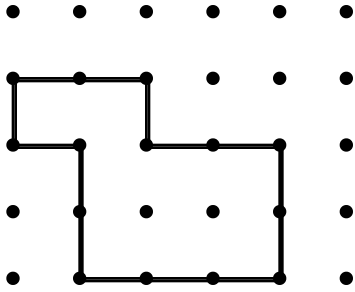
Rectangle \_\_\_\_\_ is the longest rectangle.

Rectangle D is shorter than rectangle \_\_\_\_\_

Rectangle C is \_\_\_\_\_ unit long.

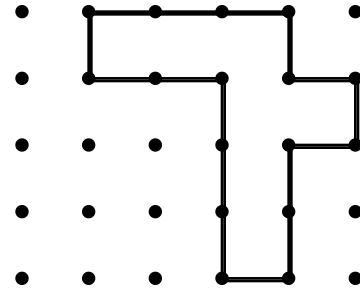
Rectangle B is same length as rectangle \_\_\_\_\_

Name: \_\_\_\_\_

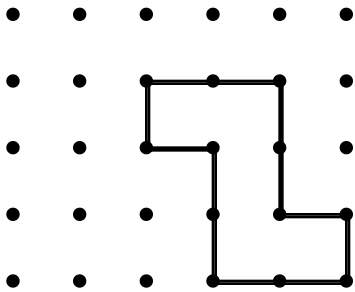


Perimeter =

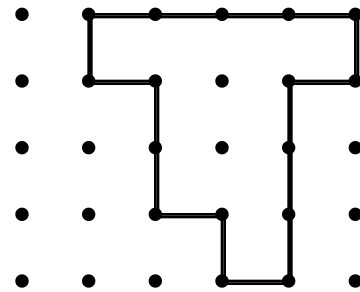
**14**



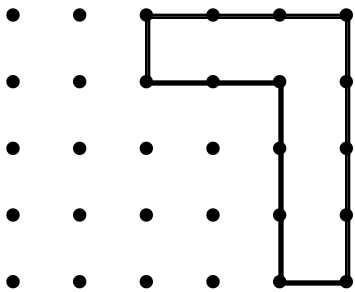
Perimeter =



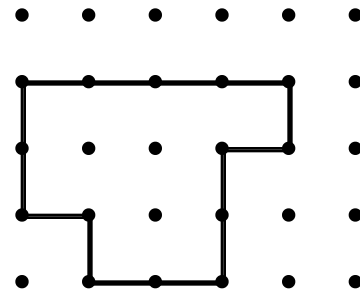
Perimeter =



Perimeter =



Perimeter =

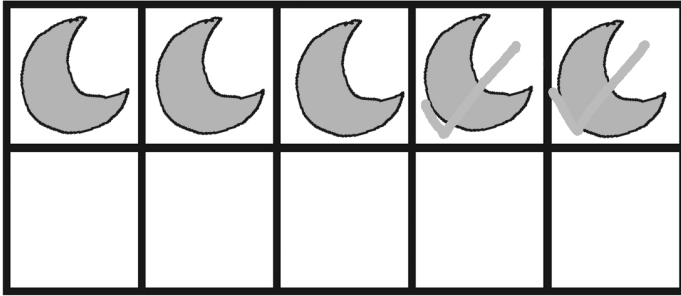


Perimeter =

Name: \_\_\_\_\_

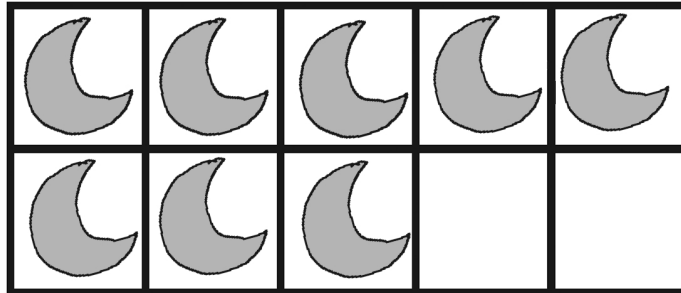
Put checks through the moons to show subtraction. Then write a subtraction sentence with the correct number answer.

Example:



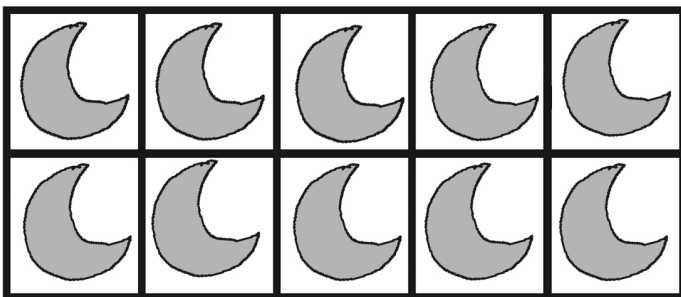
What's 2 less than 5?

$$5 - 2 = \underline{3}$$



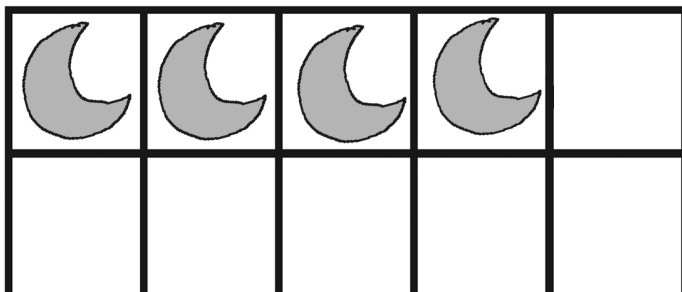
What's 6 less than 8?

$$8 - 6 = \underline{\quad}$$



What's 1 less than 10?

$$10 - 1 = \underline{\quad}$$



What's 3 less than 4?

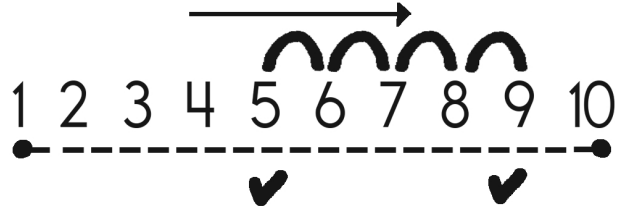
$$4 - 3 = \underline{\quad}$$

Name: \_\_\_\_\_

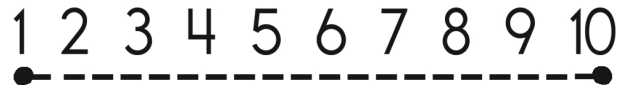
Count forward from the lesser numbers and fill in the blanks.

Example:

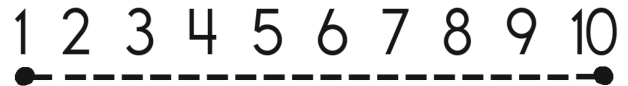
$$9 - 5 = \underline{4}$$



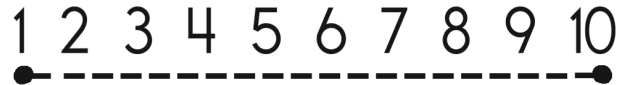
$$8 - 2 = \underline{\quad}$$



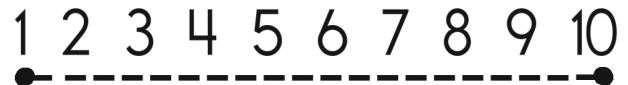
$$10 - 3 = \underline{\quad}$$



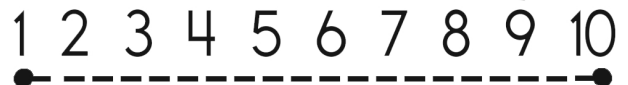
$$5 - 1 = \underline{\quad}$$



$$9 - 6 = \underline{\quad}$$



$$7 - 5 = \underline{\quad}$$



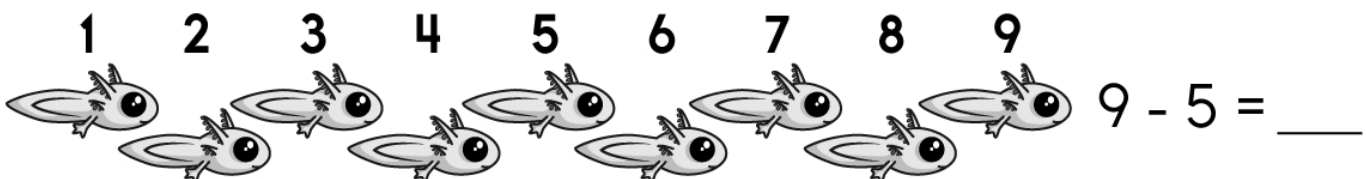
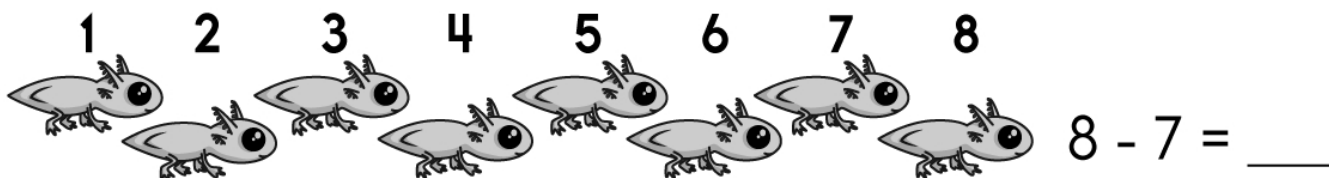
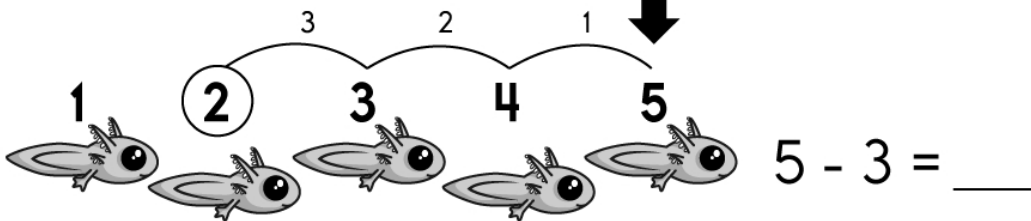
Name: \_\_\_\_\_

Hi there! I'm Albert the axolotl (ax·o·lotl). I've been told I *axolotl* questions. Get it? *Ask - a - lot!*?

Today I have a question about my friends. You see, all of the other salamanders keep metamorphosing and moving out of the lake... without me! (Axolotls are special salamanders that stay in the water forever.) I'm feeling a *lot!* lonely. Can you tell me how many friends are still in the lake?



Count backwards to subtract:

Start  
here:  
↓

Name: \_\_\_\_\_

Amy bought 11 treats for her dog at the pet store. After 13 days she only has 4 treats left. Assuming her dog ate the ones missing, how many treats has her dog eaten?

Jessica is playing MudVille, a fun new game. She has 9 coins. After she went to the MudVille shop to buy stuff, she had 7 coins left. Can you figure out how many coins she spent at the store?

Ten minus two is \_\_\_\_\_.

\_\_\_\_\_ is four less than seven.

Pam has 2 younger sisters. Pam decides to give 2 stuffed animals to each of her 2 younger sisters. After she does this, Pam still has 9 stuffed animals left. How many stuffed animals did Pam start out with?

Nathan is playing MudVille, a fun new game. He has 9 coins. He wants to buy as many Power Bursts as he can. Each Power Burst costs 4 coins. What is the largest number of Power Bursts that Nathan can buy?

**Name:** \_\_\_\_\_

School held a school supply sale. Jeannie sold 6 pencil cases. Sal sold 9 marker sets. Fred sold 4 boxes of crayons.

How many items did the friends sell in all?

Who sold the most items?

How many more items did Jeannie sell than Fred?

Name: \_\_\_\_\_

Anna had eight beach balls. She gave some away. She had two left. How many balls did she give away?

Adam is 2 years older than his best friend Connor. Connor is 10. How old is Adam?

Jack made 12 home runs. Gavin made 6 home runs. How many more home runs did Jack make than Gavin?

Molly saw 12 seagulls. Then she saw 21 more. How many seagulls did Molly see?

Write the words into the boxes.

but  
use

--	--	--

--	--	--

Count by 2s.

11    13    \_\_\_\_

Write how much to add.

4    (+1)    5    (+1)    6

Start with 4.

Add 1. Repeat.

6    ○    11    ○    16

Start with \_\_\_\_.

Add \_\_\_\_\_. Repeat.

1    ○    3    ○    5

Start with \_\_\_\_.

Add \_\_\_\_\_. Repeat.

Write the missing sign.

7 \_\_\_\_ 3 = 10



Name: \_\_\_\_\_



Connor and Emily are in first grade. There is a total of 16 kids in their class. Some kids have already left.

Connor likes to count. "I like to count," says Connor.

"You can say that again," mumbles Emily.

"I like to count. I like to count bags," says Connor. Connor counted how many bags were left in the classroom.

"Guess what?" asks Connor.

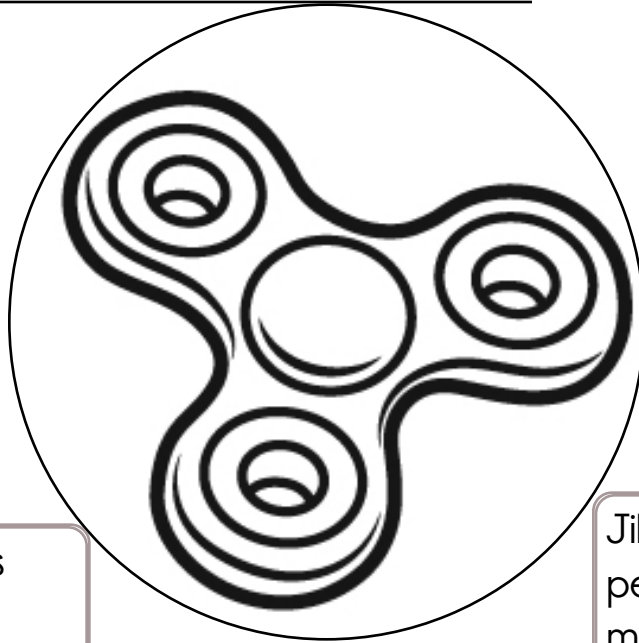
"Um, what?" asks Emily.

"I know how many kids have already gone home," he says.

Connor did not see the kids leave. So, how did he figure it out?

Show your work.

Name: \_\_\_\_\_



How many times  
do you need to spin?

I needed to spin \_\_\_\_\_  
time(s) to finish the page.

Sam had 4 red apples  
and 2 green apples.  
How many apples did he  
have in all?

Sally counted 4 lunch  
boxes at her table. She  
counted 5 lunch boxes at  
the next table. How  
many lunch boxes did  
Sally count in all?

Jim ate 2 hot dogs and 1  
hamburger. How many  
things did Jim eat in all?

Mark walked for 10  
minutes on the first day  
of school. He walked for  
5 minutes on the second  
day of school. How many  
more minutes did Mark  
walk on the first day than  
on the second?

It was Make a Hat Day.  
Josh made 1 brown hat  
and 2 black hats. How  
many hats did Josh  
make in all?

Jill packed 4 books and 3  
pencils for school. How  
many things did Jill pack  
in all?

Mike played 3 soccer  
games on Saturday. He  
played 1 soccer game on  
Sunday. How many  
more soccer games did  
Mike play on Saturday  
than on Sunday?

Fay had 6 new crayons.  
She lost 2 crayons. How  
many new crayons did  
Fay have left?

☐

I did page 22

☐I decided to skip this page  
edHelper**Name:** \_\_\_\_\_

Spin the fidget spinner again until you finish THIS page. I needed to spin \_\_\_\_\_ time(s) to finish.

It was Make a Hat Day. Jill made 3 hats. Zion made 1 hat. How many more hats did Jill make than Zion?

Lori played soccer for 1 hour in the morning. She played soccer for 2 hours in the afternoon. How many hours did Lori play soccer in all?

Joe won 4 games of checkers and lost 1 game of checkers. How many more games of checkers did Joe win than lose?

It was Teddy Bear Day. Holly had 4 teddy bears on her dresser. She had 1 teddy bear on her bed. How many more teddy bears were on Holly's dresser than on her bed?

Evan grilled 5 hot dogs. There was 1 hot dog left. How many hot dogs were eaten?

There were 8 apples in a bowl. Mario ate 1 apple. How many apples were left?

Sid took out 4 library books about elephants. Cathy took out 4 library books about elephants, too. How many books about elephants were taken out in all?

Liz ate 1 salami sandwich. Max ate 2 salami sandwiches. How many salami sandwiches were eaten in all?

Jan had 5 pens and 3 pencils. How many pens and pencils did she have in all?

Alex won 3 games of checkers and lost 2 games of checkers. How many games of checkers did Alex play in all?

There were 8 lunch boxes on the first table. There were 6 lunch boxes on the second table. How many more lunch boxes were on the first table than on the second table?

Ben took out 5 books on elephants. Ken took out 3 books on elephants. How many more books did Ben take out than Ken?

Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)**I PLAYED  
ONE  
GAME**☐(Check the  
box after  
you play.)**MY SCORE**

\_\_\_\_\_



Circle the third number.

1, D, A, D, 3, 2, 9, 5, A,  
B, B, 6, 6, D, D, F, 1, 6, 714, \_\_\_\_\_, 18, 20, 22,  
24

How many dots on the bug?



What is ten less than 87?

How many?



How much is this?



Name: \_\_\_\_\_

Ms. King has thirty-two lollipops. She gave sixteen to her students. How many lollipops does she have left?

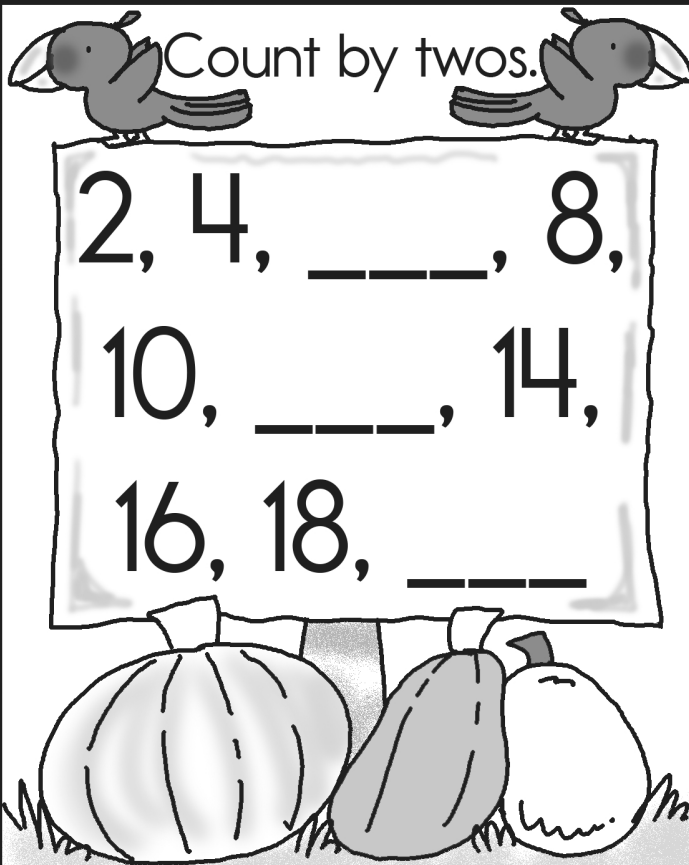
Rosa bought five red caps. She gave two red caps to her brothers. Rosa's brothers will put the caps on their cats. What fraction of the caps is left?

Our class went on a hike. We looked for pretty leaves. We found twenty-nine leaves. Twelve of the leaves were red, yellow, or orange. The rest of the leaves were brown. How many leaves were brown?

Name: \_\_\_\_\_

Count by twos.

2, 4, \_\_\_\_, 8,  
10, \_\_\_\_, 14,  
16, 18, \_\_\_\_



At the fair Jodi won three ribbons and then three more. How many ribbons did she win in all?

Addition Problem

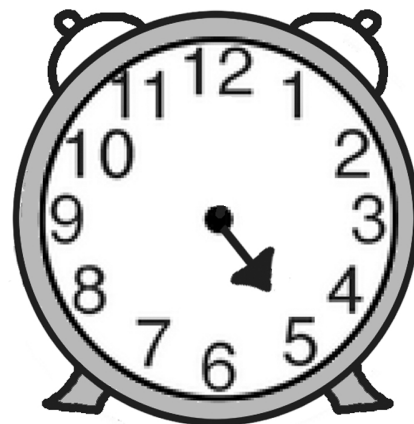
Answer

How much money is here in all?



\_\_\_\_¢

Circle the answer.



The short hand shows...

Minutes

Hours

Name: \_\_\_\_\_

How many times  
do you need to spin?I needed to spin \_\_\_\_\_  
time(s) to finish the page.

Spin fidget spinner. Quick!

I needed to spin \_\_\_\_\_ time(s) to finish.

\_\_\_\_\_  
20 tens\_\_\_\_\_  
69 hundreds\_\_\_\_\_  
four tens\_\_\_\_\_  
three tens\_\_\_\_\_  
10 hundreds\_\_\_\_\_  
eight tens\_\_\_\_\_  
40 hundreds\_\_\_\_\_  
seven tens\_\_\_\_\_  
50 hundreds\_\_\_\_\_  
92 ones\_\_\_\_\_  
six tens\_\_\_\_\_  
five tens\_\_\_\_\_  
nine tens\_\_\_\_\_  
two tens\_\_\_\_\_  
six tens\_\_\_\_\_  
83 hundreds\_\_\_\_\_  
36 tens\_\_\_\_\_  
78 ones

Name: \_\_\_\_\_



$6 + 1 =$

$2 + 1 =$

$0 + 7 =$

$6 + 0 =$

$4 + 3 =$

$3 + 6 =$

$0 + 5 =$

$10 + 0 =$

$2 + 2 =$

$0 + 8 =$

$5 + 4 =$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$$



$\_\_ + 7 = 8$

$\_\_ + 3 = 4$

$8 + \_\_ = 10$

$9 + \_\_ = 10$

$1 + \_\_ = 5$

$\_\_ + 2 = 3$

$\_\_ + 10 = 10$

$1 + \_\_ = 5$

$10 + \_\_ = 10$

$\_\_ + 1 = 2$

$\_\_ + 3 = 5$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 0 \\ \hline \end{array}$$



Name: \_\_\_\_\_

This clock shows...



1:00

12:00

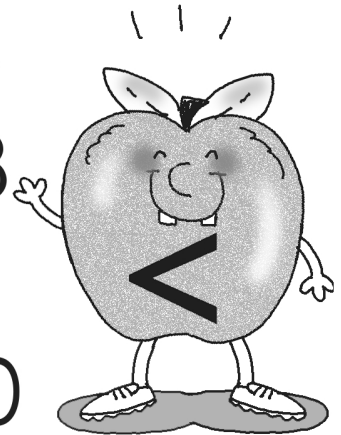
Put in this &lt; symbol to show numbers that are less than.

8 \_\_\_\_ 15

16 \_\_\_\_ 18

7 \_\_\_\_ 9

12 \_\_\_\_ 20

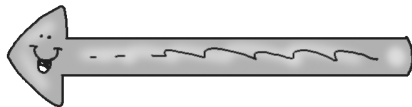


Count backward and put in the missing numbers.

60

\_\_\_\_

55



\_\_\_\_

50

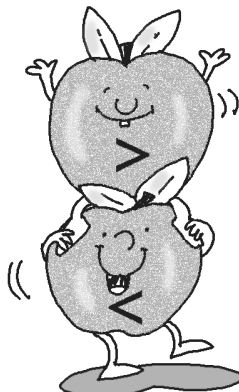
Put in the &gt; (greater than) or &lt; (less than) symbols.

10 \_\_\_\_ 9

19 \_\_\_\_ 20

8 \_\_\_\_ 17

15 \_\_\_\_ 13



16 \_\_\_\_ 18

11 \_\_\_\_ 14

20 \_\_\_\_ 12

9 \_\_\_\_ 13

Name: \_\_\_\_\_

Use any of these digits. Cross off a digit after you use it.

**9****8****7****3****1**

What is the largest 4-digit odd number that you can make?

How many?



Circle the fourth letter.

9, 5, B, F, A, 5, B, A, 2, F,  
4, 8, F, A, B, 2, 9, 9

How many?



Circle the even numbers.

3 51 38

4 89 15

46 647 922

Write the number that  
is 1 more.

15 \_\_\_\_

42 \_\_\_\_

25 \_\_\_\_

Write the number that  
is 2 more.

13 \_\_\_\_

92 \_\_\_\_

29 \_\_\_\_

five

☐ 1☐ 7☐ 5

zero

☐ 0☐ 2☐ 8 $5 + 8 = \underline{\hspace{2cm}}$ ☐ 13☐ 8☐ 1

Name: \_\_\_\_\_

**FUN  
BREAK!**

# Play a game online!

[edHelper.com/math-games.htm](http://edHelper.com/math-games.htm)**I PLAYED  
ONE  
GAME**☐(Check the  
box after  
you play.)**MY SCORE**

\_\_\_\_\_



How much is this?

F, I, G, \_\_\_\_\_, H, K, I,  
L, J, M

How many?



$3 \text{ tens} + 4 \text{ ones} = 34$

$4 \text{ tens} + 6 \text{ ones} = \underline{\hspace{2cm}}$

$7 \text{ tens} + 4 \text{ ones} = \underline{\hspace{2cm}}$

$1 \text{ ten} + 0 \text{ ones} = \underline{\hspace{2cm}}$

5, \_\_\_\_\_, 9, 11, 13, 15,  
17, 19

Circle the odd numbers.

3   47   79

2   24   61

35   716   938



It's NO PREP at edHelper.

More history!



# edHelper.com!



New online math games!



New ideas!



$\times$   $=$   $-$   $\div$   $<$   $-$   $>$

More puzzles!



