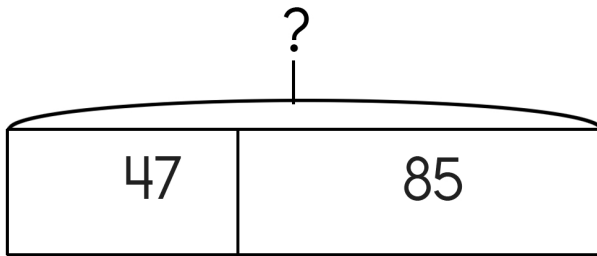


Name: _____

Use bar models to help you add.

Fill in the blanks.

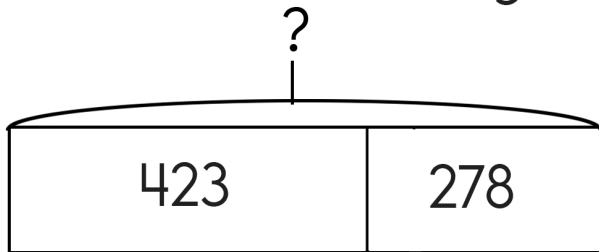
Jenny put 47 stickers on the cover of her notebook. She put 85 on the inside pages. How many stickers does her notebook have?



$$47 + 85 = \underline{\quad}$$

Jenny's notebook has stickers total.

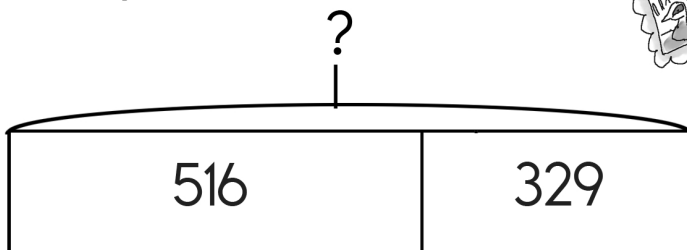
Lake Elementary had 423 books in its library. Someone bought and added 278 more books to it. How many books are there altogether in the library?



$$423 + 278 = \underline{\quad}$$

Lake Elementary library has books.

Brent collected 516 stamps last year. He collected 329 this year. How many stamps did he collect during both years?



$$516 + 329 = \underline{\quad}$$

Brent collected stamps altogether.

Name: _____

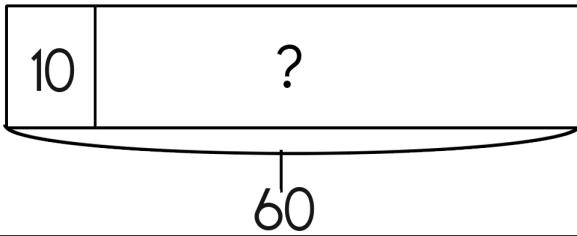


Subtraction Help

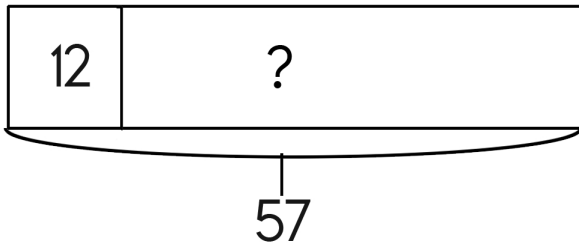


Use the bar models to find and write in the sums.

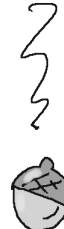
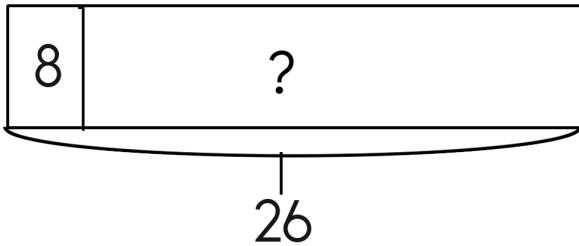
Example



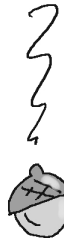
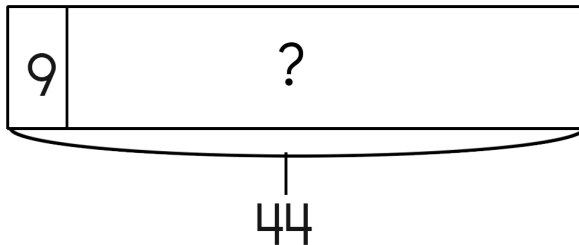
$$\underline{60} - \underline{10} = \underline{50}$$



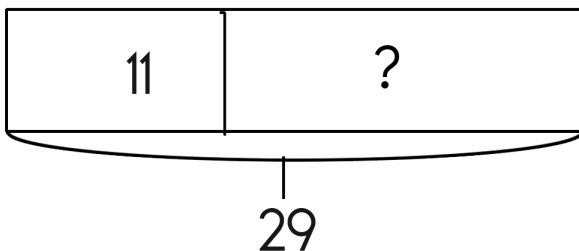
$$\underline{57} - \underline{12} = \underline{\quad}$$



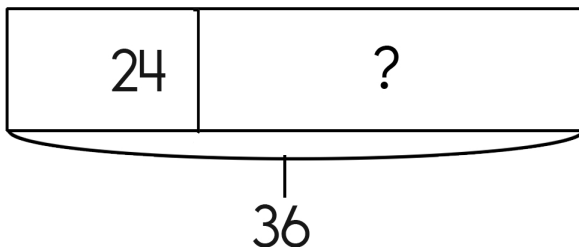
$$\underline{26} - \underline{8} = \underline{\quad}$$



$$\underline{44} - \underline{9} = \underline{\quad}$$



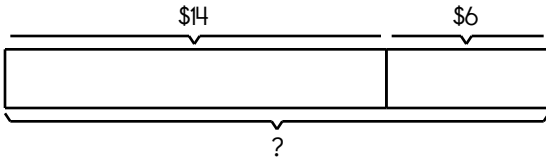
$$\underline{29} - \underline{11} = \underline{\quad}$$



$$\underline{36} - \underline{24} = \underline{\quad}$$

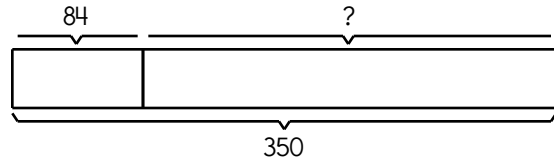
Name: _____

David got \$14 for his weekly allowance. He also got \$6 for walking the dog this week. How much money did David get this week?



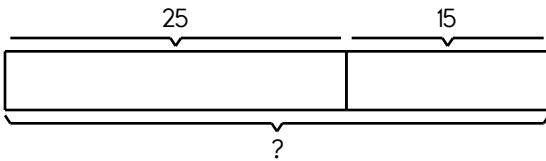
David got \$ _____ this week.

Wendy has 350 points in a game. Peter has 84 fewer points than Wendy. How many points does Peter have?



Peter has _____ points.

Anne only has 25 minutes left to use her phone before it is locked. Her mom gives her 15 extra minutes. Now, how many minutes can Anne use her phone before it is locked?



Anne can still use her phone for _____ minutes before it is locked.

Rosa's soccer team is collecting old soccer jerseys to donate to kids in need. Rosa collected the most jerseys. In fact, she collected 18 more than Pam. Pam collected the fewest jerseys. She collected 7 fewer than Hunter. If Hunter collected a total of 15 jerseys, how many jerseys did the three kids collect in all?

Rosa

--	--

Pam

--

Hunter

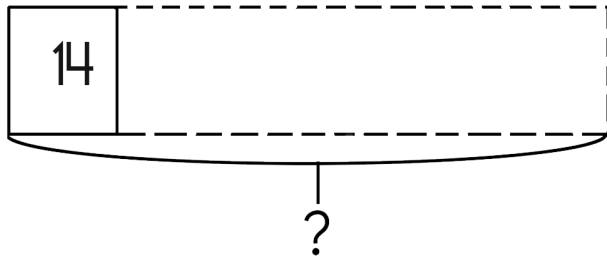
--	--

They collected a total of _____ jerseys.

Name: _____

Use bar models when you are increasing or decreasing away amounts.

Ben has 14 turtles. A pet store nearby was closing down and gave him 72 more. How many turtles does he have?

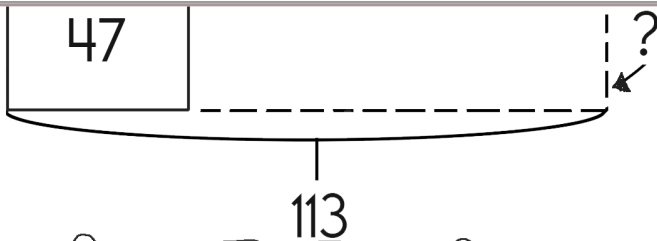


$$14 + 72 = \underline{\quad}$$

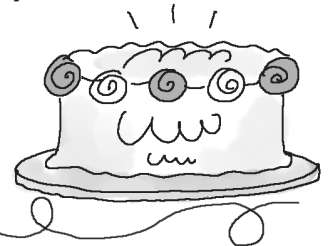
Ben has turtles altogether.

PREVIEW

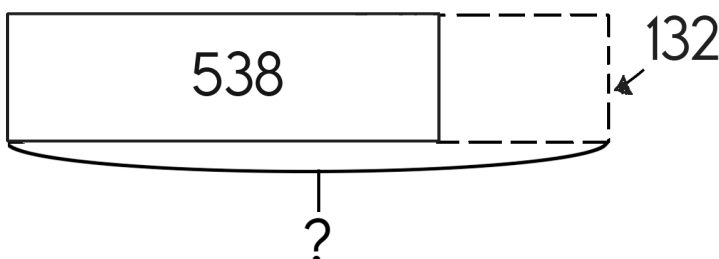
Join edHelper.com for full access.



Jim's bakery sold
 cakes.



A company had 538 balloons to give away at a picnic. Before it started, 132 more balloons were added to the bunch. How many balloons altogether?



$$538 + 132 = \underline{\quad}$$

There were balloons at the picnic.

©edHelper

Name: _____



Bar Models • Subtraction •

Super Challenge!



Brady loves pizza. He loves it so much that he eats it for every meal. Brady ate 306 total pizzas this month. He ate 95 of them for breakfast. He ate 122 of them for lunch. How many pizzas did Brady eat for dinner this month?

Complete the bar model to solve the equation.

306		



Noodle loves tacos. He loves them so much that he makes all of his food into tacos. He made 293 spaghetti tacos. He made 113 mac n' cheese tacos. He made 42 pudding tacos. He also made mashed potato tacos. He made 571 total tacos. How many tacos were mashed potato?

Complete the bar model to solve the equation.

571			

Noodle ate _____ mashed

PREVIEW

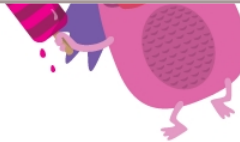
Join edHelper.com for full access.

Complete the bar model to solve the equation.

Roo ate _____.

(What other thing do you think Roo would like to have eaten?)

Draw it in Roo's hands.



she knows.
She knows 741
monsters. Foo
made 168

cherry popsicles. She made 315 lime
popsicles. The rest of the popsicles
she made are banana. How many
banana popsicles did Foo make?

Draw a bar model to solve
the equation.

Name: _____

Look at the bar models. Write addition or subtraction word problems for them using the theme.

(Write about puppets.)

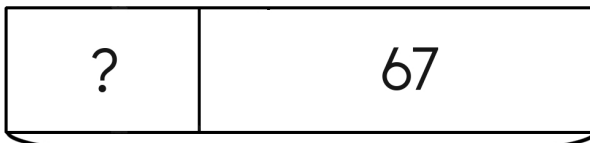


114

?

PREVIEW

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(Write about hamburgers.)



129

Name: _____

$$\begin{array}{r} 56 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 59 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 76 \\ \hline \end{array}$$



Draw it.
What can you add to your picture?

PREVIEW

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I added _____

$$\begin{array}{r} 42 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ + 29 \\ \hline \end{array}$$

Name: _____

$$\begin{array}{r} 90 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 73 \\ \hline \end{array}$$

$44 + 45 =$

$34 + 53 =$

$73 + 27 =$

PREVIEW

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$66 - \underline{\quad} = 39$

$79 - \underline{\quad} = 63$

$63 - \underline{\quad} = 18$

$60 - \underline{\quad} = 37$

$75 - \underline{\quad} = 2$

$74 - \underline{\quad} = 4$

$88 - \underline{\quad} = 18$

$78 - \underline{\quad} = 44$

$57 - \underline{\quad} = 1$

$35 - \underline{\quad} = 4$

$87 - \underline{\quad} = 40$

$89 - \underline{\quad} = 20$

$$\begin{array}{r} 42 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 61 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ + 29 \\ \hline \end{array}$$

Name: _____

$$\begin{array}{r} 76 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 64 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 73 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 22 \\ \hline \end{array}$$

$44 - 30 =$

$71 - 11 =$

$89 - 37 =$

PREVIEW

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$__ + 89 = 168$

$77 + __ = 97$

$49 + __ = 93$

$__ + 18 = 34$

$__ + 42 = 62$

$__ + 40 = 125$

$69 + __ = 164$

$50 + __ = 108$

$87 + __ = 123$

$66 + __ = 114$

$__ + 12 = 99$

$__ + 70 = 81$

$$\begin{array}{r} 99 \\ - 92 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ - 41 \\ \hline \end{array}$$

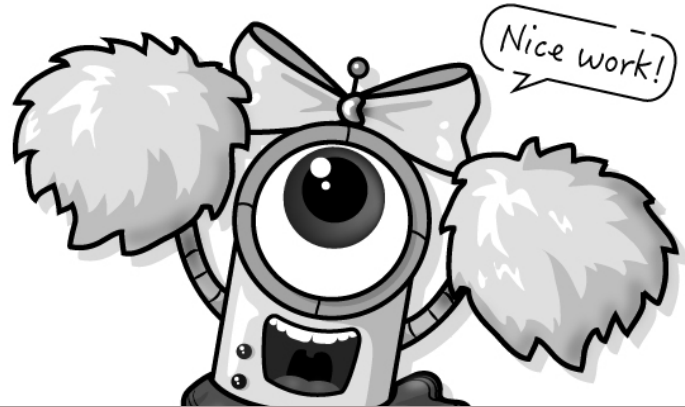
$$\begin{array}{r} 95 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 37 \\ \hline \end{array}$$

Name: _____

**FUN
BREAK!**

Play a game online!

edHelper.com/math-games.htm**I PLAYED
ONE
GAME****MY SCORE**

PREVIEW

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Write the numbers.

eleven ____

nineteen ____

twenty-three ____

$$\begin{array}{r} 24 \\ - \quad 3 \\ \hline \end{array}$$

Rosa has 7 squishies. She has 3 red ones. The rest are yellow. How many squishies are yellow?

What comes before and after?

____, 92, ____

____, 120, ____

____, 144, ____

Draw 3 small squares.

Then color in some to

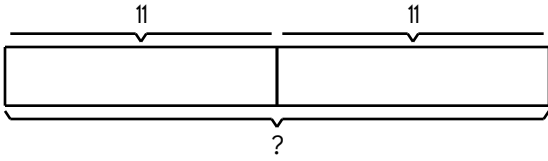
show $\frac{1}{3}$.

u, ____, u, 4, u, 4, u, 4,

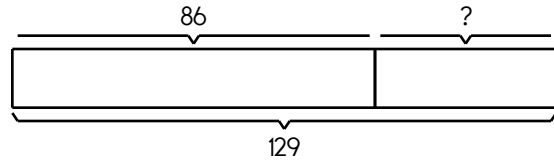
u, 4, u, 4

Name: _____

Pam's class has 11 girls and 11 boys. How many students are in the class?



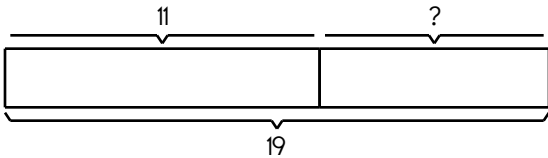
The school built a new cafeteria. It has no chairs! The principal says they need 129 chairs for the new cafeteria. They only have 86 chairs from the old cafeteria. How many more chairs do they need to get?



PREVIEW

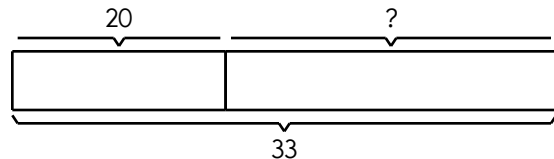
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in Amanda's class. How many students in Amanda's class are boys?



There are _____ boys in the class.

33 birds on a tree. She called her sister, Rose, to come look. But by the time Rose got there, Rose only counted 20 birds. How many birds flew away?



_____ birds flew away.

Name: _____

Draw bar models and create math equations to help you solve word problems.

The Big Factory made 417 widgets in one day. The Small Factory made 92 fewer widgets that same day. How many widgets did the Small Factory make?




PREVIEW

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A husband and wife had a garage sale that made \$396 total. He spent \$110. She spent \$49. How much money is left from the garage sale?

Name: _____



Bar Models • Addition •



Ava ate 49 ice cream cones for a midnight snack.
When she woke up, she ate 61 ice cream sandwiches.
How many total ice cream treats did Ava eat?

Complete the bar model to solve the equation.

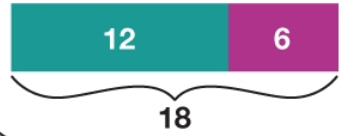


Foo plans to eat 53 popsicles this morning.
She plans to eat 61 this afternoon.
This evening she is planning to eat as many popsicles as she's eaten all day.

How many popsicles is Foo planning to eat today?

Bar Model:

$$12 + 6 = 18$$



Complete the bar model to solve

PREVIEW

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Roo bought 2 boxes of frozen treats.
One box has 112 popsicles.
The other box has 118 ice cream sandwiches.
How many frozen treats does Roo have?

Complete the bar model to solve the equation.

112



Roo has _____ frozen treats.



I want to eat _____ ice cream sandwiches this week.

I want to eat _____ popsicles this week.

I want to eat _____ fudge bars this week.



Draw a bar model to solve how many frozen treats you would like to eat this week.

Name: _____



Bar Models • Addition •

Read the Bar Model

	
42	49
91	

TOTAL

How many more popsicles are there than ice cream cones?



Ice Cream Cones _____

Popsicles _____



Moo ate 138 ice cream bars, and then he ate 327 ice cream sandwiches.

How many total ice cream treats did Moo eat?



--	--

PREVIEW

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popsicles.

How many total popsicles did she eat?



--	--

Foo had a belly ache from too many popsicles. To make herself feel better, she ate 21 ice cream sandwiches. How many total frozen treats did Foo eat?



--	--



Roo ate 254 popsicles for breakfast, and then he ate 458 ice cream sandwiches for lunch.

How many total frozen treats did Roo eat before dinner?



--	--

Name: _____

Jenna blew up 24 balloons for the Try Not To Pop game at her birthday party. It only took 13 seconds, but 6 balloons already popped. Wow! How many balloons are left in the game?

Draw a bar model and figure out the answer.



Rose has 361 points in a game. Jacob has 83 fewer points than Rose. How many points does Jacob have? Draw bar models to help you figure this out.

Jacob has _____ points.

PREVIEW

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school, and 77 kids came to see the play. During the break, 19 of the kids had to leave and go to lunch. How many kids saw the entire play?

Draw bar models to help you figure this out.



_____ kids saw the entire play.

Don't forget to draw a bar model and show how it helps find the answer.

They are so cool! She has 47 of them. Max is interested in starting a collection, so Anne gives him 16 of hers. How many cards does Anne have after sharing?

Draw bar models to help you figure this out.

After sharing, Anne has _____ CoolArt trading cards.

Don't forget to draw a bar model and show how it helps find the answer.

Name: _____

BAR MODELS
Two-Step ProblemsHenrietta
and Hennifer
are farmer

Fran's **favorite** hens. They lay the most eggs every month. The other hens try to match their **egg-celent** egg numbers, but no one can beat Henrietta and Hennifer. Use bar models to solve the problems below.



Henrietta laid 28 eggs this month.
Hennifer laid 29 eggs this month.
A fox got into the hen house and took some of Hennifer's eggs.

Henrietta and Hennifer now have 37 total eggs.

1. How many total eggs did Henrietta and Hennifer have at first?
2. How many eggs did the fox take from Hennifer?

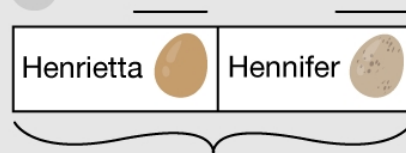
Henrietta laid 27 eggs this month.
Hennifer laid 26 eggs this month.
Henrietta gave some of her eggs to Eggna.

Henrietta and Hennifer now have 49 total eggs.

1. How many total eggs did Henrietta and Hennifer have at first?
2. How many eggs did Henrietta give to Eggna?



1.



Henrietta
and
Hennifer

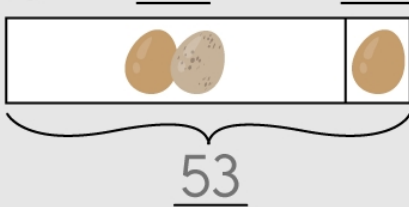
had _____
total eggs
at first

PREVIEW

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2.

49



Henrietta
gave Eggna

_____ eggs.

53



eggs at first.



Together the hens laid

_____ total eggs.

Henrietta laid 25 eggs this month.
Hennifer laid 27 eggs this month.
Together Eggna, Shelly, and Peggy laid as many eggs as Henrietta and Hennifer.

1. How many total eggs did Henrietta and Hennifer lay?
2. How many total eggs did the hens lay altogether?



Name: _____

Draw bar models and fill in the blanks for each.

The kids at Camp Cardinal
made 432 birdhouses. Counselors
then painted 334 of them. How
many unpainted birdhouses remain?

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

Answer: $\underline{\quad}$

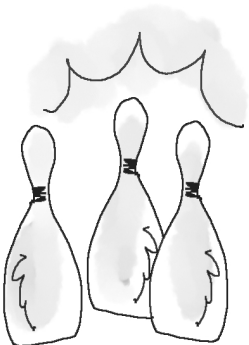
There were 1177 water balloons.

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

Answer: $\underline{\quad}$

Kurt practiced 300 minutes
for a bowling tournament.
Lisa practiced 360 minutes.
How many minutes did they
practice altogether?



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

Answer: $\underline{\quad}$ minutes
($\underline{\quad}$ hours)

Name: _____

BAR MODELS + + + **ADDITION** + + +

What thing does Otis the squirrel love most of all? Spring! Otis is SO excited that his friends are waking up from hibernation and returning home from migration. Help Otis count the friends that come to visit him each month in spring.

16 friends woke up and came to visit Otis in March.

28 friends returned home and came to visit Otis in March.

How many friends came to visit Otis in March?

MARCH

16	28
----	----



23 friends woke up and came to visit Otis in May.

19 friends returned home and came to visit Otis in May.

How many friends came to visit Otis in May?

MAY

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35 friends woke up and came to visit Otis in April.

37 friends returned home and came to visit Otis in April.

How many friends came to visit Otis in April?

APRIL



4 friends woke up and came to visit Otis in June.

11 friends returned home and came to visit Otis in June.

How many friends came to visit Otis in June?

JUNE

Name: _____

Pam's soccer team is collecting old soccer jerseys to donate to kids in need. Pam collected the most jerseys. In fact, she collected 17 more than Hannah. Hannah collected the fewest jerseys. She collected 3 fewer than Alex. Alex collected 9 jerseys. Draw bar graphs to show how to figure out how many Pam and Hannah collected.

Pam collected _____ jerseys.

Ava has 5 squishies. Justin has 6 more squishies than Ava. Nathan has 7 fewer squishies than the sum of squishies that Ava and Justin have. How many squishies do the three of them have altogether? Draw bar models to help you figure this out.



PREVIEW

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new game. Their total points are 500. Kevin got 129 of the points. Oh, no! They reached level 2 and now they take their own points. Kevin still has the 129 he earned. How many points does Pam have? Draw a bar model and figure out the answer.



Don't forget to draw a bar model and show how it helps find the answer.

begin soon. There are 167 people who arrived early for the show and were in their seats 10 minutes before the show began. But before the show actually began, 37 more people arrived. How many people will be watching the show? Draw bar models to help you figure this out.

_____ people are now in the audience.

Don't forget to draw a bar model and show how it helps find the answer.

Name: _____

Draw bar models and math equations to help you solve each problem.

There are 83 kids on the playground. Only 13 are on the climbing wall. How many kids are enjoying other parts of the playground?



PREVIEW

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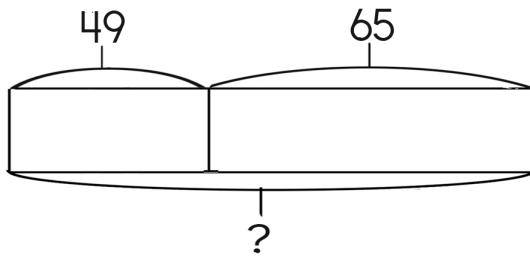
they only sold 52 extra pads of paper in April.

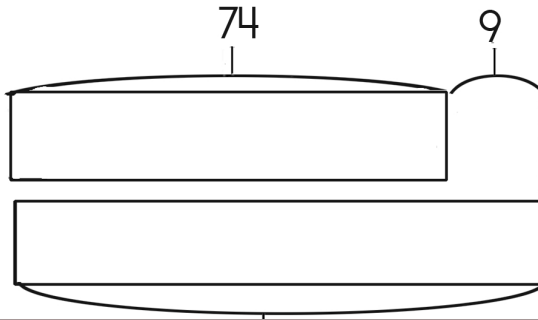
1) How many pads of paper did The Artist Store sell in April?

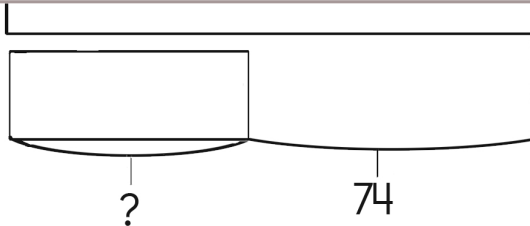
2) How many more pads of paper would they have needed to sell to make their original April goal?

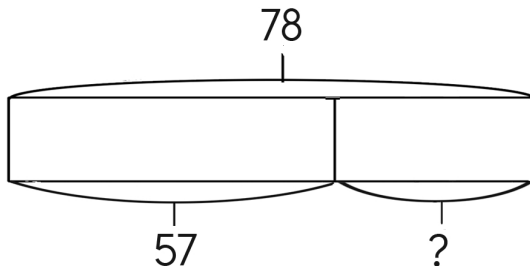
Name: _____

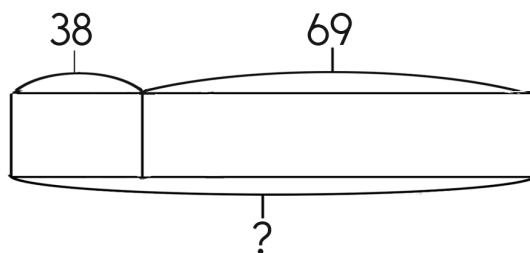
Write an addition or subtraction problem for each bar model.





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Name: _____

*** ADDITION ***

BAR MODELS

It's midway through winter and Otis the squirrel is checking in on his food stores. He'd like to find out if he has enough to last until spring. First, help Otis add together all of his seeds and nuts by using bar models.

1.

Otis has 45 acorns.

Otis has 407 walnuts.

How many total nuts does Otis have?



45



407

--- SUBTRACTION ---

BAR MODELS

Now let's compare how much Otis started the season with to how much he has left. Use bar models to subtract and find out how much he has eaten.

3.

Otis started the winter with 852 nuts.

Otis now has 452 nuts.

How many nuts has Otis eaten?



452

**PREVIEW**

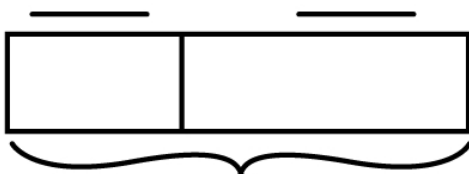
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2.

Otis has 339 sunflower seeds.

Otis has 504 corn seeds.

How many total seeds does Otis have?



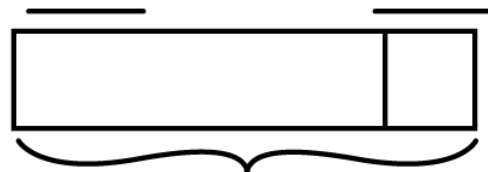
total seeds

4.

Otis started the winter with 999 seeds.

Otis now has _____ seeds.

How many seeds has Otis eaten?



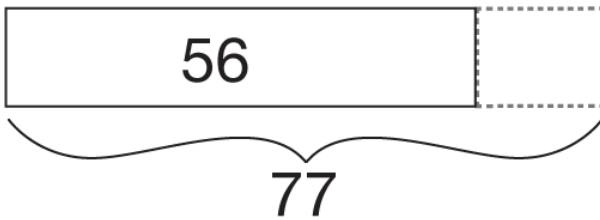
Do you think Otis will have enough food to last until spring? _____

Name: _____



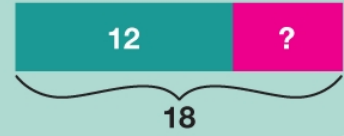
Ava is making ice cream cones for a party. Unfortunately, she isn't very fast and the ice cream cones are melting as she makes them. She tried to make a total of 77 ice cream cones but she only ended up with 56. How many ice cream cones melted?

Complete the bar model to solve the equation.



Subtraction
Bar Model
Example

$$18 - 12 = ?$$



Moo is trying to eat healthier. He's planning to eat 85 vegetables today. He started the day with 16 vegetables for breakfast. How many more vegetables will Moo eat by the end of the day if he sticks to his plan? Draw a bar model to solve the equation.



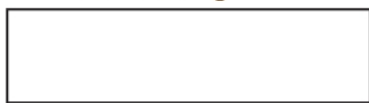
PREVIEW

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tacos. Her favorites are the pudding and the spaghetti tacos. She has eaten 68 of them this week. The first

half of the week she ate 41 pudding tacos. The second half of the week she ate the spaghetti tacos. How many spaghetti tacos did Muffin eat this week? Complete the bar model to solve the equation.



Pickle did his own grocery shopping today. He's very excited about the tasty things he has found. Pickle found pickle pudding, pickle popsicles, and pickle pizza. He bought a total of 59 pickle flavored things. He bought 23 packages of pickle pudding and 19

pickle popsicles. How many pickle pizzas did Pickle buy? Complete the bar model to solve the equation.



59

Muffin ate _____ spaghetti tacos this week.

Pickle bought _____ pickle pizzas.

Name: _____

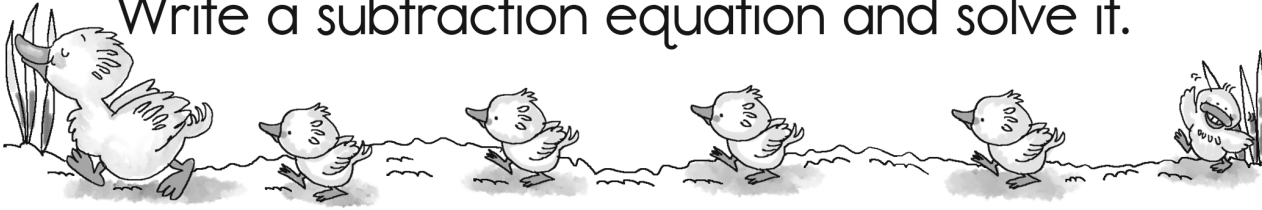


Solve It



Read each word problem. Draw a bar model for it.

Write a subtraction equation and solve it.



Kelly has 73 balls of orange yarn from her grandma. She bought 18 balls of yellow yarn. How many more balls of orange yarn than yellow yarn does she have?

?

_____ - _____ = _____

PREVIEW

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these sock amounts?

?

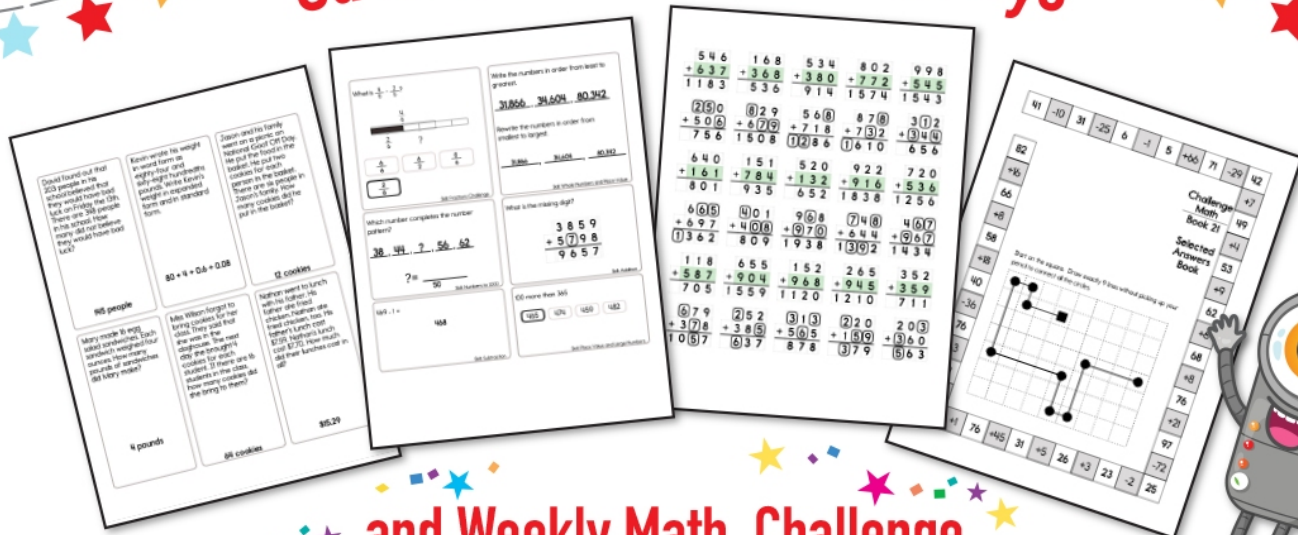
_____ - _____ = _____

Layla, a volunteer at a food shelf, counted 106 bottles of cinnamon spice. Then she counted 24 bottles of pepper. How many more bottles of pepper would she need to equal the cinnamon spice ones?

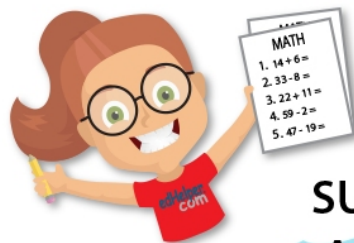
?

_____ - _____ = _____

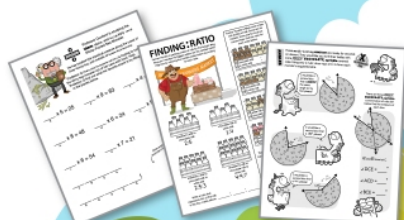
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