Attainment's

LOOKat MATH



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UNIT ONE

NUMBERS

Add and Subtract • Multiply and Divide Positive and Negative Numbers • Algebra



CHAPTER 1 Add and Subtract



Zero (0) added to or subtracted from any number is still that number.

$$8 + 0 = 8$$
 $8 - 0 = 8$

$$8 - 0 = 8$$

The order of the numbers doesn't matter in addition, but it does matter in subtraction.



$$7 + 2 = 9$$



$$2 + 7 = 9$$



$$6 - 4 = 2$$



$$4 - 6 = 2$$

$$7-2=5$$

or

up and
$$+4$$
 down. $\frac{10}{10}$



Vocabulary

Addition	3+6=9	Combine numbers together to make a bigger number
Subtraction	7-2=5	Take away from a number to make it smaller
Sum	3+7=10	The total when you add numbers
Difference	7-3=4	The total when you subtract numbers



Find the Word

The total when you subtract numbers

Vocabulary

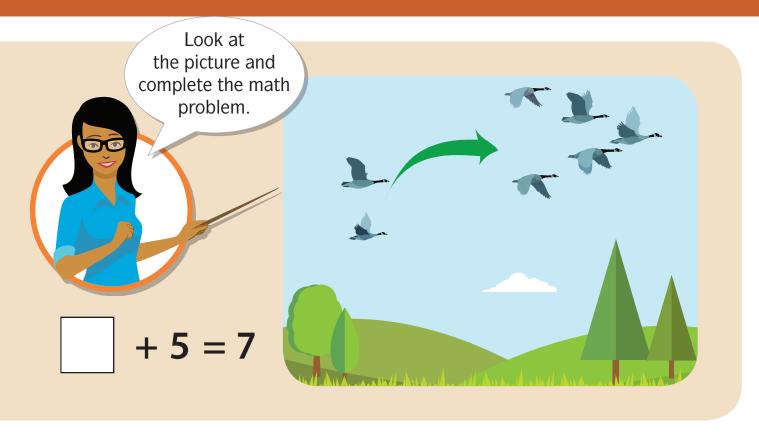
Plus sign	+	Used when you add numbers
Minus sign		Used when you subtract numbers
Addend	3+7=10	Any number being added
Place value	tens ones	The value of a digit based upon its position in a number



Find the Word

A sign used when you add numbers

Topic 1 Add and Subtract Within 10

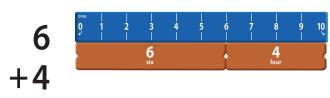


Addition-Write the **sum** in the box.









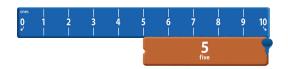




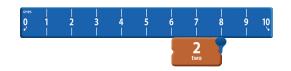


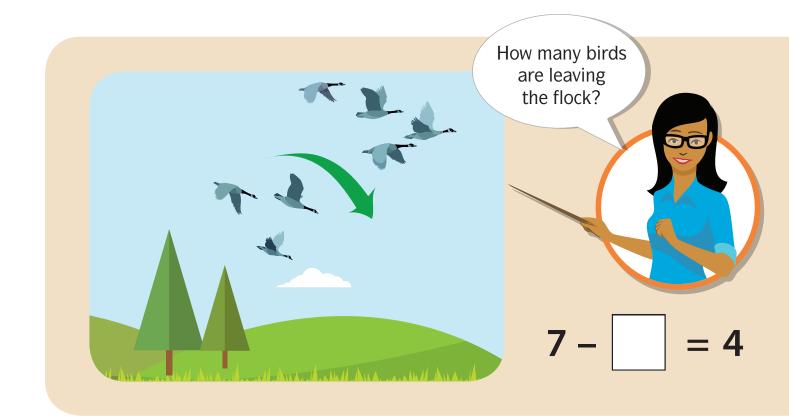
Subtraction—Write the **difference** in the box.

Blue pegs mark the first number in the problem. Number pieces show how many to take away.





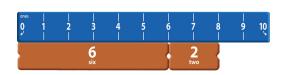






Select Plus or Minus Sign

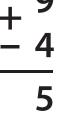
The **plus sign** is used in addition. The **minus sign** is used in subtraction. See if the problems below are addition or subtraction. Then (circle) the correct sign.



$$6 \pm 2 = 8$$











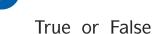




Story On Saturday, Mila cleaned and swept her room. Under her bed she found 7 socks and 3 books. How many things altogether were under Mila's bed?

Add and Subtract Within 10





$$6 + 0 = 6$$



Circle the sum.

$$6 + 2 = 8$$

Circle the difference.

$$7 - 2 = 5$$

Write the signs in the boxes.

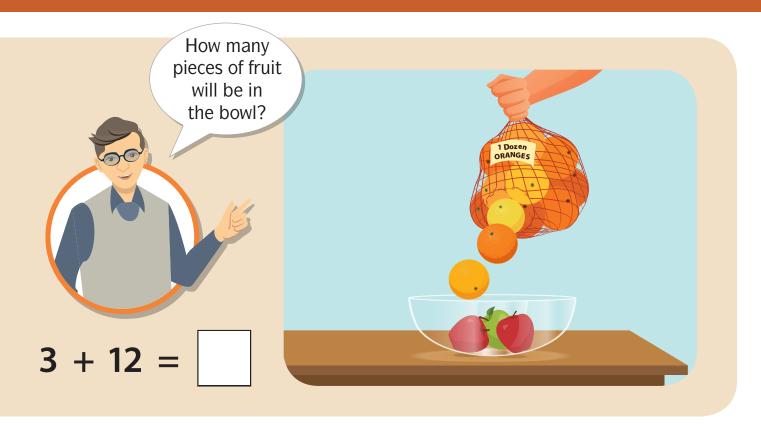
plus	minus

As Gerald was walking his dog, he saw **9** geese standing by a pond. His dog barked and **6** flew away. How many geese were left?



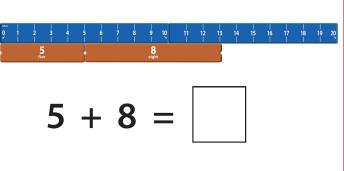


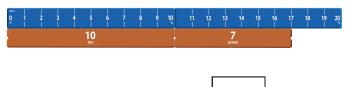
Topic 2 Add and Subtract Within 20

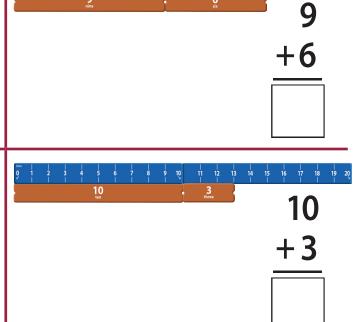


Fun fact: A dozen equals 12.

Addition-Write the sum in the box.



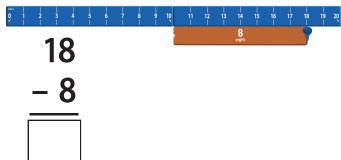




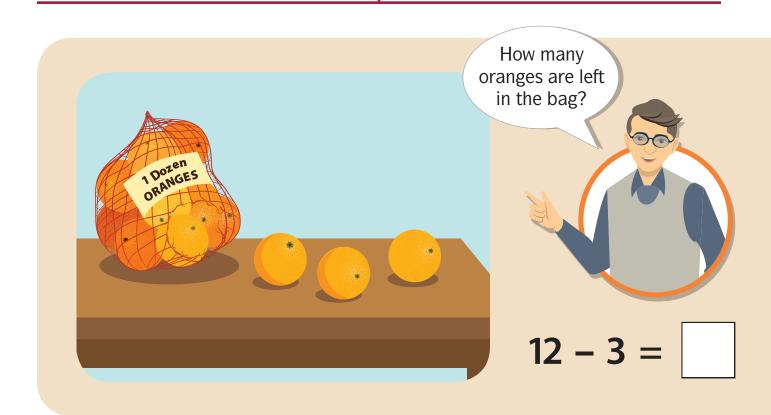
10 + 7 =

Subtraction—Write the difference in the box.





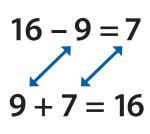
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 10 to 10

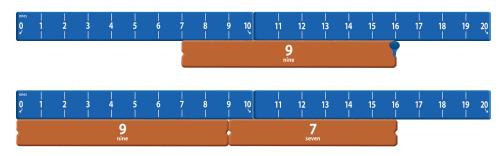


Check Subtraction with Addition



You can use addition to check the answer to a subtraction problem. Take the number you subtracted, add it to the difference, and you should get the number you started with.





Change these subtraction problems into addition problems.

$$16 - 5 = 11$$

$$11 - 7 = 4$$

$$10 - 1 = 9$$

$$12 - 0 = 12$$

$$15 - 10 = 5$$

$$20 - 10 = 10$$

Carsten likes music CDs. He has **14** in his collection. For his birthday, his friends gave him **3** more. How many CDs does Carsten have now?

Add and Subtract Within 20



2

3



Plus or minus?

5

6

Solve the problem.



8

9

Circle the difference.

$$20 - 5 = 15$$

10

1

12

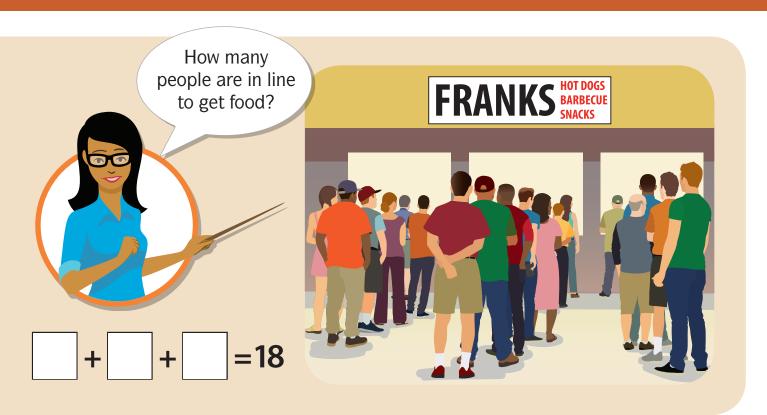
Circle the sum.

$$9 + 9 = 18$$

Amy bought a bag of 12 oranges to make a fruit salad, but her brother and his friends ate 7 oranges. How many oranges were left in the bag?



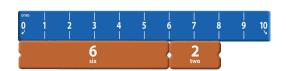
Topic 3 Add and Subtract with Three Terms



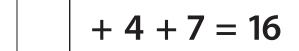
Fun fact: We use the word "term" to refer to any number in a math problem other than the answer.

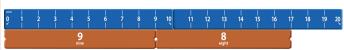
Write the missing **addends** in the box.



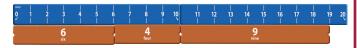






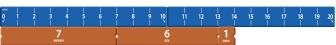


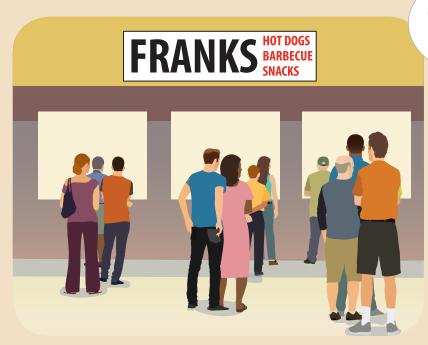
Write the sum in the box.



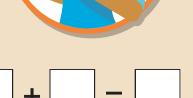








The lines are shorter now. How many are still waiting?

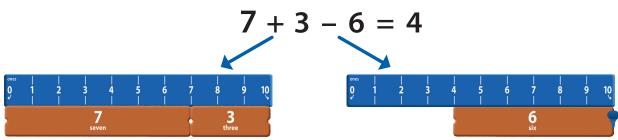


3+

Subtract the Last Term



You can add and subtract within the same problem. In the problem below, start with **7**, add **3**, and subtract **6** to get the total.



Write the answer in the box.

$$4+5-2=$$
 $6+3-4=$ $5+5-1=$ $3+7-8=$ $2+8-9=$ $7+2-5=$

Mikah was playing Pokémon. He started with 9 Pokéballs and earned 8 more. Then he used 6 to catch a Pokémon. How many Pokéballs did he have left?

Add and Subtract with Three Terms



1

2

3

True or False

$$8+3+3=14$$

4

5

6

Circle the addends.

$$3 + 2 + 5 = 10$$

7

8

Write the plus or minus sign in the box.

10

1

Write the plus or minus sign in the box.

FRANKS BARBECUE SNACKS

Joe was selling hot dogs at the game. During halftime one family bought 7 hot dogs. Another family bought 6 and his teacher, Mr. Roth, bought 3. How many hot dogs did Joe sell?

Topic 4 Add and Subtract Within 100

How many fans are walking into the stands?

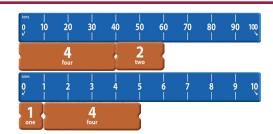


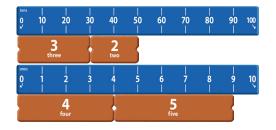


Write the sum in the box.





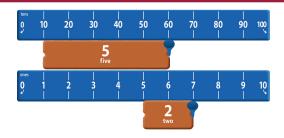




Write the difference in the box.











Why do you think they are leaving?

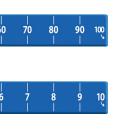


Place Values



The position of the numbers is important. In the number 23, 2 is in the tens place, and 3 is in the ones place.

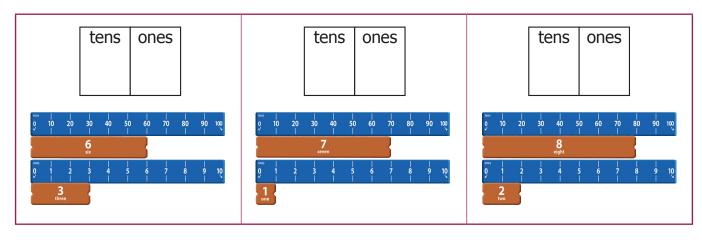
$$20 + 3 = 23$$



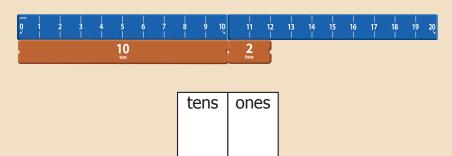
The sum is also written as:

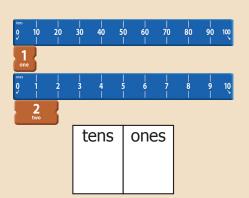
tens	ones
2	3

Write the **place values** for these numbers. Put the number of tens in the tens box and the number of ones in the ones box.



Here are two ways to look at 10 + 2 = 12. Fill in and compare the place values.





Add and Subtract Within 100



3

5

6

8

58

tens	ones

10 Write the place values in the boxes.

49

tens	ones

111 Write the place values in the boxes.

30

tens	ones

12 Write the place values in the boxes.

18

tens	ones



Here is the final score of the game. By how many points did the Packers defeat the Vikings?

