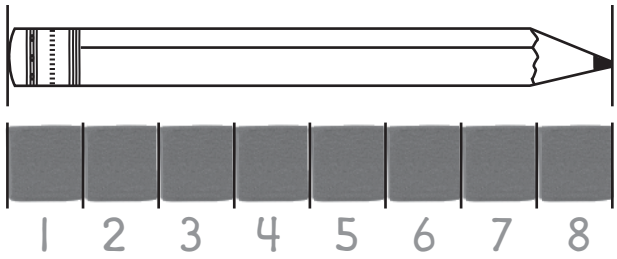
Name _____

Measure with a Centimeter Model



Place unit cubes on the squares.

How many cubes long is the pencil?

The pencil is 8 cubes long.

Each unit cube is about 1 centimeter long.

So, the pencil is about 8 centimeters long.

Use a unit cube. Measure the length in centimeters.

1. 

about _____ centimeters

2. 

about _____ centimeters

3. 

about _____ centimeters

Name _____

Estimate Lengths in Centimeters

The ribbon is about 8 centimeters long. How can you find the most reasonable estimate for the length of the string?

ribbon

string

1 centimeter

6 centimeters

10 centimeters

Think: 1 centimeter is not reasonable because the string is much longer than 1 cube.

Think: 10 centimeters is not reasonable because the string is shorter than the ribbon.

1. The rope is about 7 centimeters long. Circle the best estimate for the length of the yarn.

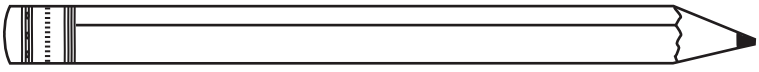
rope

yarn

5 centimeters 9 centimeters 14 centimeters

2. The pencil is about 10 centimeters long. Circle the best estimate for the length of the ribbon.

pencil



ribbon

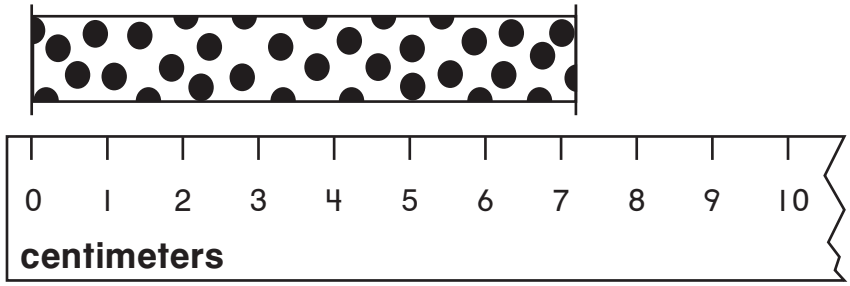
5 centimeters 9 centimeters 12 centimeters

Name _____

Measure with a Centimeter Ruler

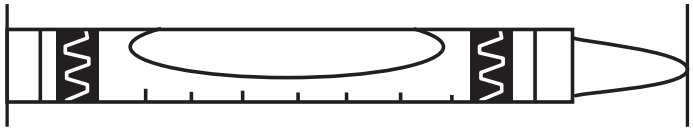
Line up the left end of the ribbon with the zero mark on the ruler.

Which centimeter mark is closest to the other end of the ribbon?

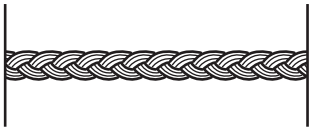


The ribbon is about 7 centimeters long.

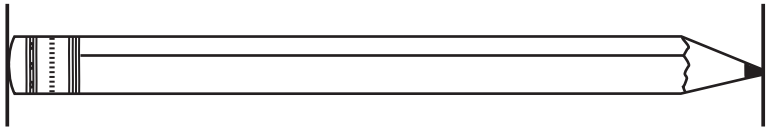
Measure the length to the nearest centimeter.

1. 

_____ centimeters

2. 

_____ centimeters

3. 

_____ centimeters

Name _____

Problem Solving • Add and Subtract Lengths

Christy has a ribbon that is 12 centimeters long. Erin has a ribbon that is 9 centimeters long. How many centimeters of ribbon do they have altogether?

Unlock the Problem

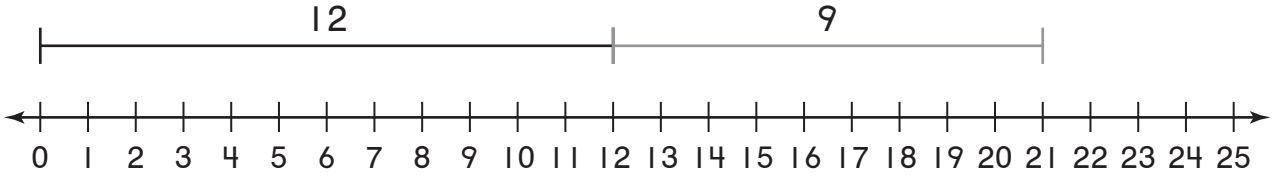
What do I need to find?

how much ribbon they have altogether

What information do I need to use?

Christy has 12 centimeters of ribbon.
Erin has 9 centimeters of ribbon.

Show how to solve the problem.

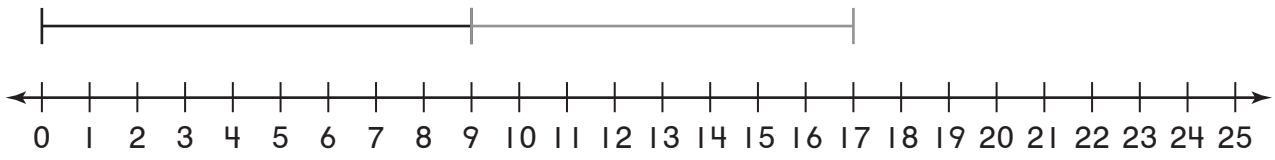


12 + 9 = ■

They have 21 centimeters of ribbon altogether.

Write a number sentence using a ■ for the missing number. Then solve.

1. Lucas has one string that is 9 centimeters long and another string that is 8 centimeters long. How many centimeters of string are there in all?



_____ _____ centimeters of string in all