

How Does a Ruler Work: Metric Units

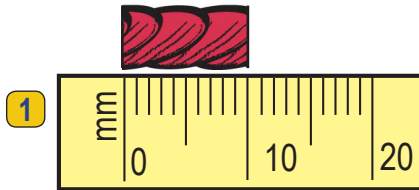
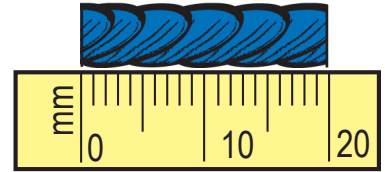
Name: _____

A ruler measures length. It can measure small things, like a button, or large things like a door.

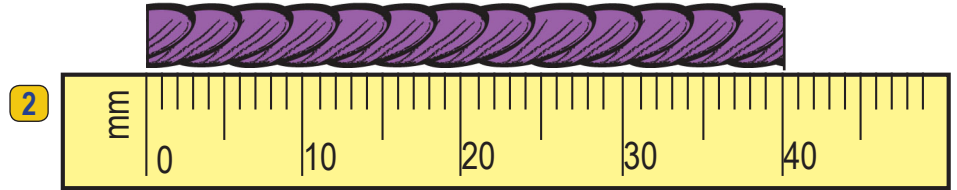
To use a ruler, place the 0 mark at the end of a item. The mark where the item ends tell you how long it is.

Write the lengths for each piece of yarn below.

Example: A piece of yarn. The yarn starts on 0 and ends on the 20 millimeter (mm) mark, so the piece of yarn is 20 mm long.



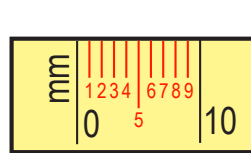
length _____



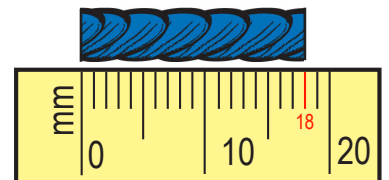
length _____

Each mark on the ruler stands for 1 mm. There are nine marks between the 0 and the 10. Count them. There are nine marks between the 10 and 20, between 20 and 30, and so on. Each mark is a millimeter. These marks tell you exactly how many millimeters long an item is.

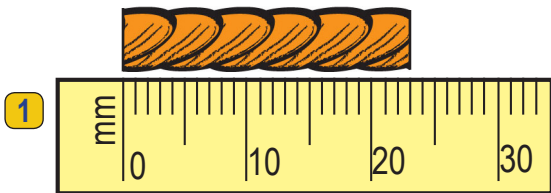
Write the lengths for each piece of yarn below.



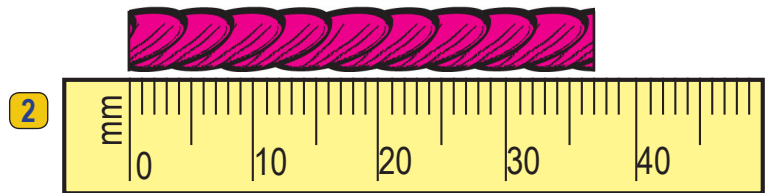
Example:



This piece of yarn is 18 mm long.

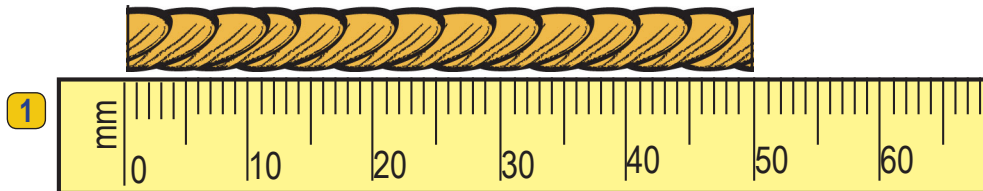


length _____

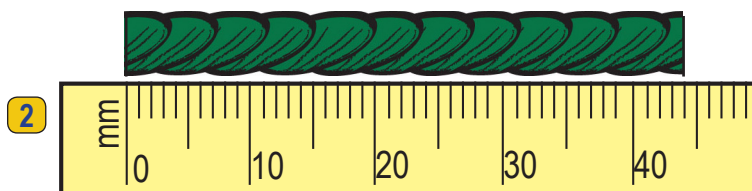


length _____

Now, write the length of each piece of yarn below.



length _____



length _____

How Does a Ruler Work: Metric Units

Name: _____

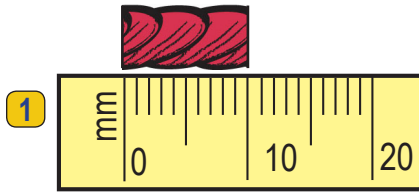
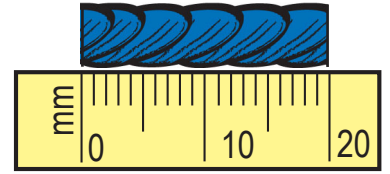
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To use a ruler, place the 0 mark at the end of a item. The mark where the item ends tell you how long it is.

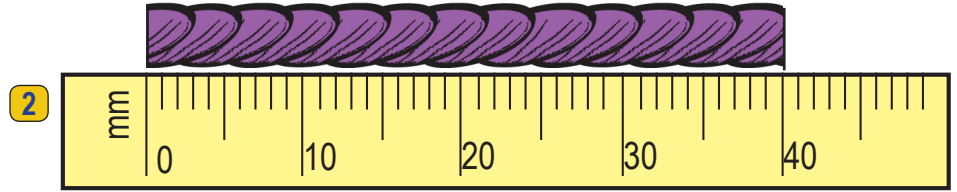
Write the lengths for each piece of yarn below.

Example: A piece of yarn.

The yarn starts on 0 and ends on the 20 millimeter (mm) mark, so the piece of yarn is 20 mm long.



length 10 mm

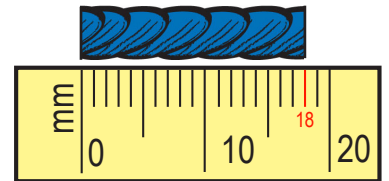
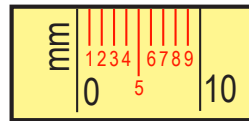


length 40 mm

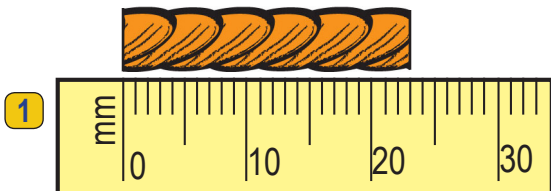
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Write the lengths for each piece of yarn below.

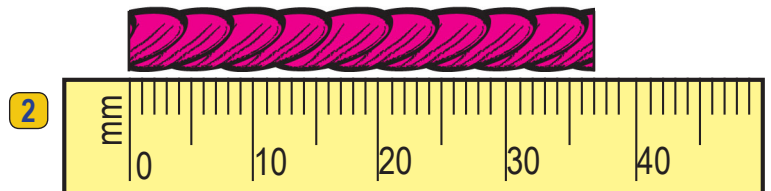
Example:



This piece of yarn is 18 mm long.

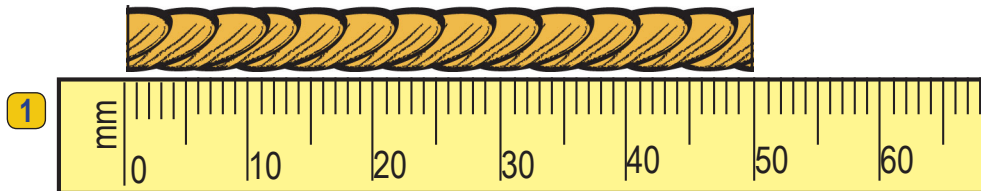


length 23 mm

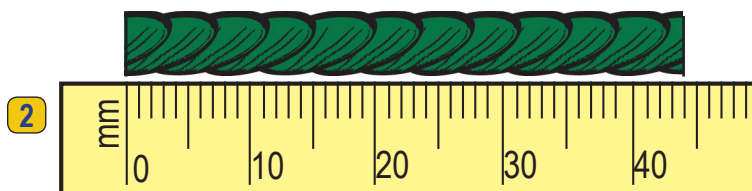


length 37 mm

Now, write the length of each piece of yarn below.



length 50 mm



length 44 mm