

Let's Think About Rulers

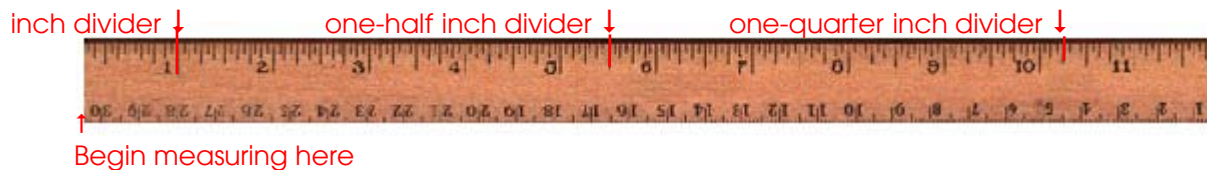
In the customary system of measurement used in the United States, three common units used to measure length include the inch, foot, and yard.

A ruler is a tool usually made of metal, plastic or wood that is used to measure length.



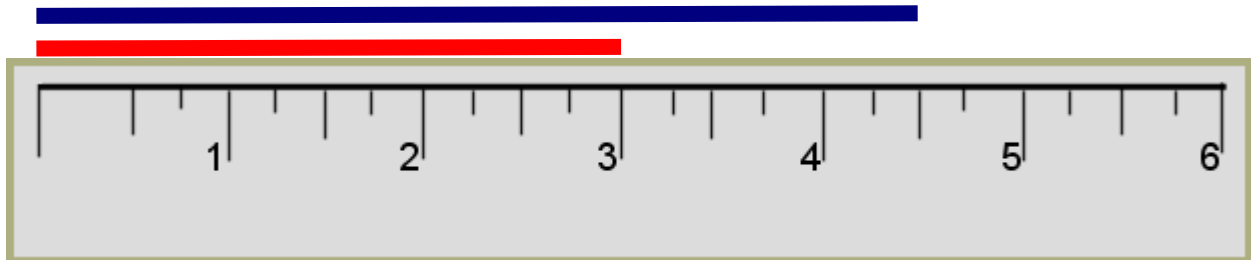
Things to know

- A ruler is usually one foot in length and is divided into twelve inches.
- You always begin measuring from the left end of the ruler.
- Each inch ends at the long line to the right of a number.
- Each inch is also divided into one-half inch segments as shown by next longest line.
- The quarter inch marks show $\frac{1}{4}$ of an inch and $\frac{3}{4}$ of an inch. The quarter-inch marks are the next longest lines.

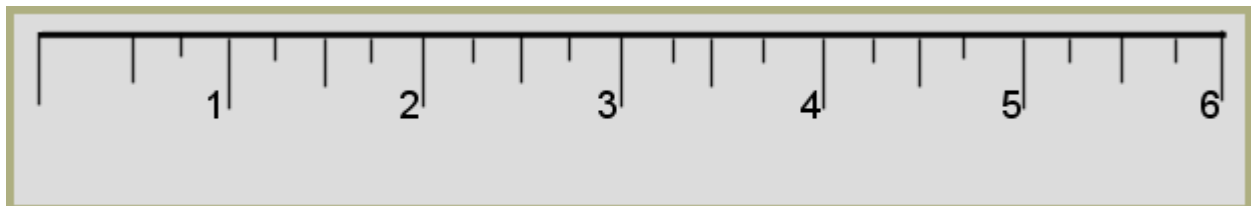


The red line is 3 inches long.

The blue line is $4\frac{1}{2}$ inches long.



Cut out the 6 inch ruler below and use it for the following activities.

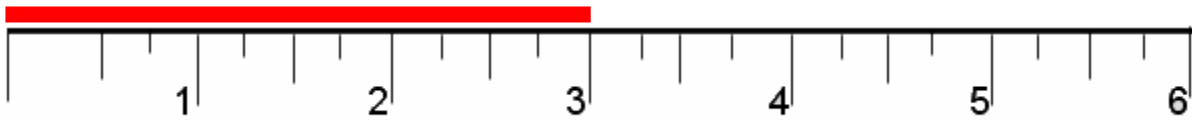


12 inches = 1 foot

3 feet = 1 yard

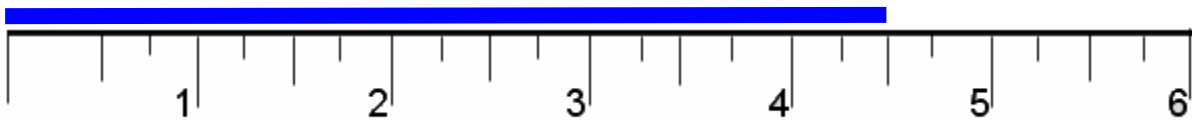
Measuring Lines

Circle the correct answer.



What is the length of the red line?

- a) two and one-half inches b) three inches
c) five inches d) three and one-half inches



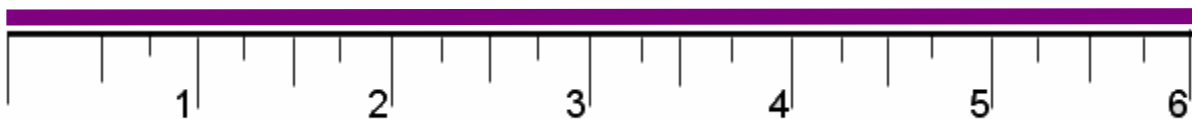
What is the length of the blue line?

- a) one inch b) four inches
c) four and one-half inches d) six inches



What is the length of the green line?

- a) six inches b) one and one-half inches
c) two and one-half inches d) two inches

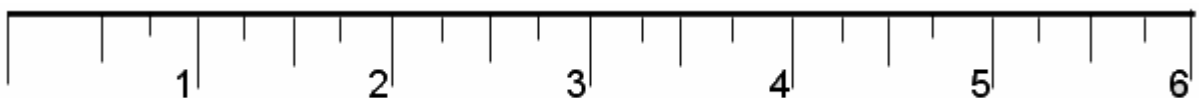


What is the length of the purple line?

- a) six inches b) four inches
c) five and one-half inches d) four and one-half inches



Draw a red line that is five inches long.



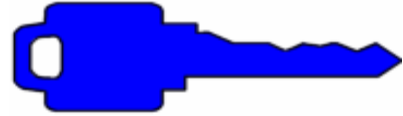
Measuring Objects

Use your ruler to measure the following objects and write the length on the line.

1.



2.



3.



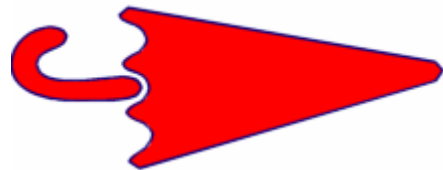
4.



5.



6.



7.



8.



Estimating and Measuring

Measure the following items found in your home.
Estimate the length of each before you measure the item.

	Estimate	Actual length
1. What is the length of the pencil you are using?	<input type="text"/>	<input type="text"/>
2. What is the length of a house key?	<input type="text"/>	<input type="text"/>
3. What is the length of a comb?	<input type="text"/>	<input type="text"/>
4. What is the length of a paper clip?	<input type="text"/>	<input type="text"/>
5. What is the length of the edge of your favorite book?	<input type="text"/>	<input type="text"/>
6. What is the length of a carrot in your refrigerator?	<input type="text"/>	<input type="text"/>
7. What is the length of your index finger?	<input type="text"/>	<input type="text"/>
8. What is the length of a fork?	<input type="text"/>	<input type="text"/>
9. What is the length of your shoe?	<input type="text"/>	<input type="text"/>
10. What is the length of a cookie sheet?	<input type="text"/>	<input type="text"/>