



This is a line divided into inches.

3

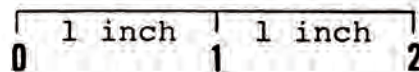
How many inches are there?
 2
 3

So we can say that this line is 3 inches long.



4

This line is ___ inches long.



2

This line is ___ inches long.

Look at the space between the left end of the line, marked 0, and the end of the first inch, marked 1.

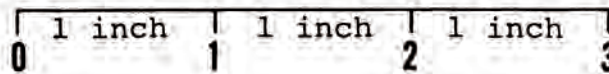
yes

Is that space 1 inch long?
 yes
 no

Now look at the space between the 0 end of the line and the end of the second inch, marked 2.

yes

Is that space 2 inches long?
 yes
 no



3

This line is ___ inches long.

Look at the number 1. Does the 1 mean that the space from the 0 end of the line to the number 1 is 1 inch?

yes

yes

no

Look at the number 2. It means that the space from the 0 end of the line to the number 2 is

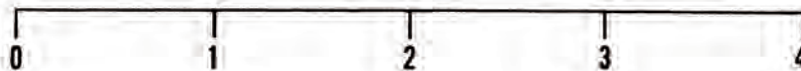
2 inches

2 inches.

3 inches.

Look at the number 3. It means that the space from the 0 end of the line to the number 3 is ___ inches.

3



This line is divided into inches.

The part of the line that is between the numbers 1 and 2 is 1 inch long.

The part of the line that is between the numbers 2 and 3 is also

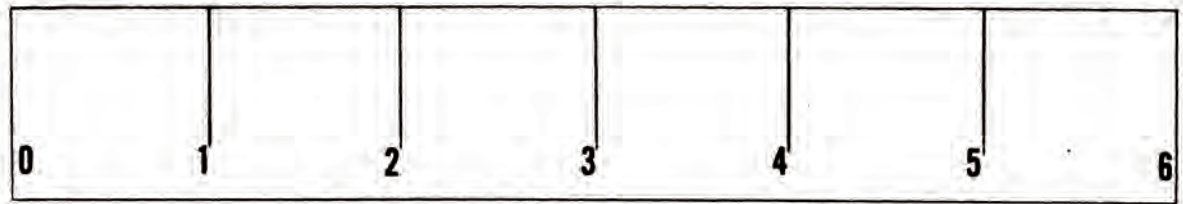
1 inch long

1 inch long.

2 inches long.

4

The whole line, from 0 to 4, is ___ inches long.



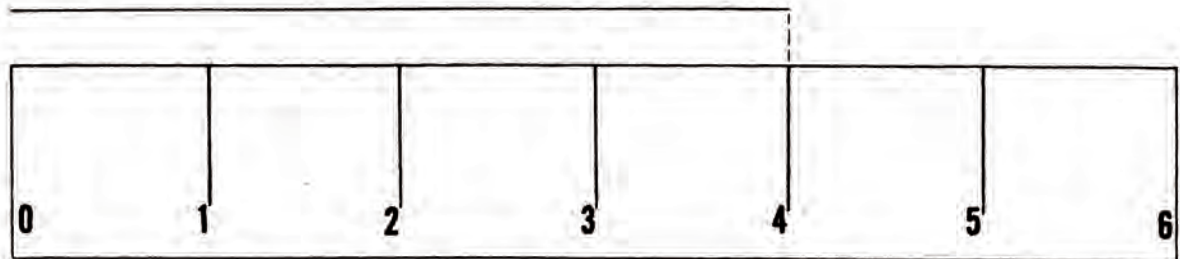
Here is a picture of a ruler.

A ruler is just a flat stick with inches marked on it.

We use rulers to measure lines.

6

This ruler is $\begin{matrix} & 3 \\ & \diagdown \\ & 6 \end{matrix}$ inches long.

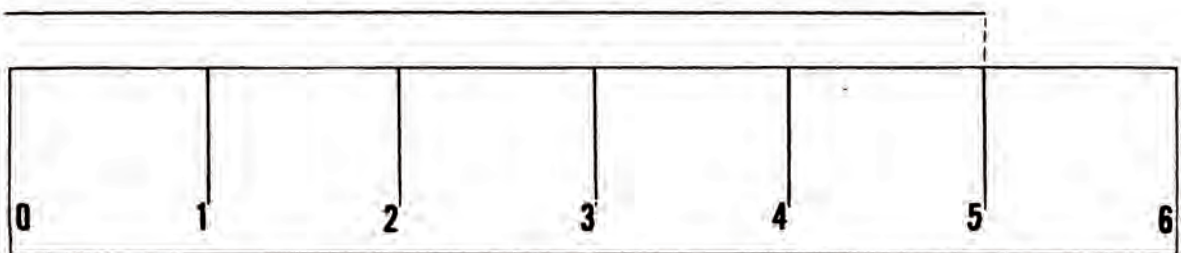


To measure the line above the ruler, we put the ruler down so that the 0 end of it is even with one end of the line.

Look at the right end of the line. It comes just to the 4 on the ruler.

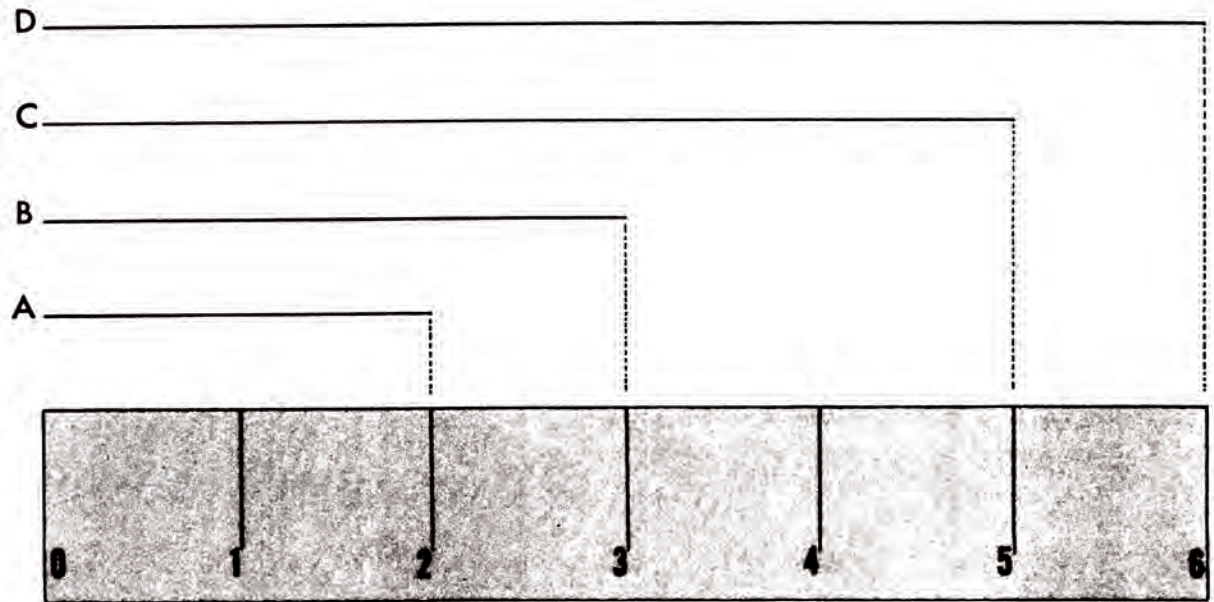
4

So the line is inches long.



5

The line above this ruler is inches long.



2

Line A is ___ inches long.

3

Line B is ___ inches long.

5

Line C is ___ inches long.

6

Line D is ___ inches long.

1

Line B is ___ inch longer than line A.
(Subtract: $3 - 2 = ?$)

2

Line C is ___ inches longer than line B.

3

Line C is ___ inches longer than line A.

1

Line D is ___ inch longer than line C.

3

Line D is ___ inches longer than line B.

4

Line D is ___ inches longer than line A.