

Construction of a Line Segment



Line Segment

The line is the combination of points which extends infinitely in both directions. But line segment is the part of the line with fixed endpoints.



Steps to Construction a Line segment:

Suppose you are given the length of the line segment as 8 cm. You have to follow the steps given below:

Step 1: Take a ruler and mark a 0 point at one end the other point at the given length that is at 8 cm.

Step 2: Join the two points and so you a line segment of length 8 cm.

Step 3: Name the two end of the line segment as A and B respectively.

Step 4: The other way to draw the line segment is using a ruler and a compass.

Step 5: Take a ruler and put the compass just above the ruler such that the pointed tip of the compass is at 0 and the pencil is at 8 cm.

Step 6: Now keep the compass at point A and make an arc at 6 cm at the point B

Step 7: So, we get the required line segment.