

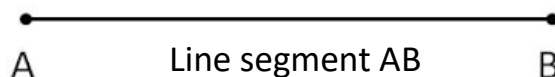
## Measuring Line Segments



A line segment is a part of a line that connects two points.

It is the shortest distance between two points.

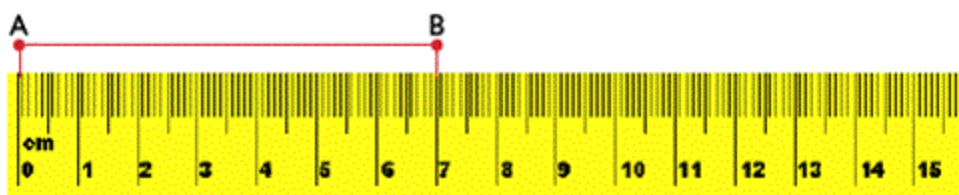
It has a definite length.



The length of a line segment could be measured because it has two end points.

Place the ● mark on the point A along the line segment.

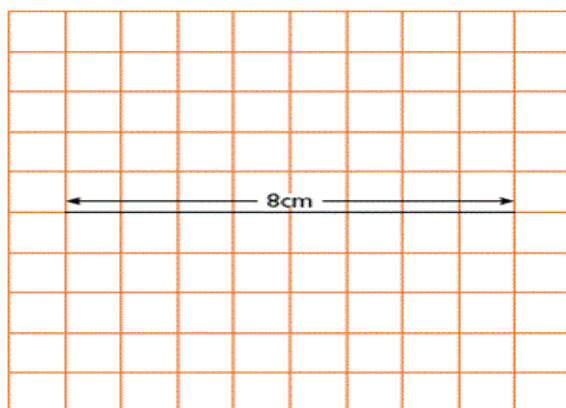
Read the number where the other end point B falls. That is the length of line segment AB.



The length of line segment AB is 7cm.



**We can draw a line segment using a grid paper or a ruler.**



The every box on the grid paper measures 1 cm.

We can draw a line segment by counting 8 boxes to get the length of 8 cm.

## Measuring Line Segments



Now, draw the line segment with a ruler.

**Look at the example:**

Draw a line segment AB whose length is 4 cm.

Mark a point A.

Place the ● mark on point A.

Mark a ● point, B at the 4 cm mark on the ruler.

Join point A and point B with a straight line along the ruler.

