

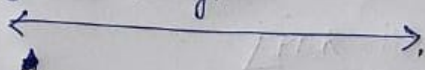
CH-2 > Shapes and angles.

Point:- A point shows the definite position.
A point has zero length, zero width and zero height.
It is represented by capital letters A, B, C, etc.

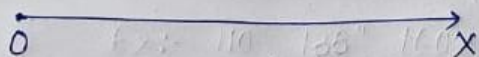
Line segment:- A line segment is a straight line that has two end points.



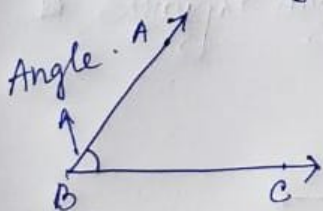
Line:- A line has no end points. It has no fixed length.



Ray:- A ray is a straight line which has a definite starting point but goes indefinitely in the other direction.
It has one end point.



Angle:- Two rays or line segments with a common end point form an angle.



The common endpoint of the two rays or line segments is called the vertex of the angle.

The angle can be represented by the symbol ' $\angle$ '.
Here, $\angle ABC$ shows $\angle B$.

$\therefore \vec{BA}$, and BC are arms of angle.