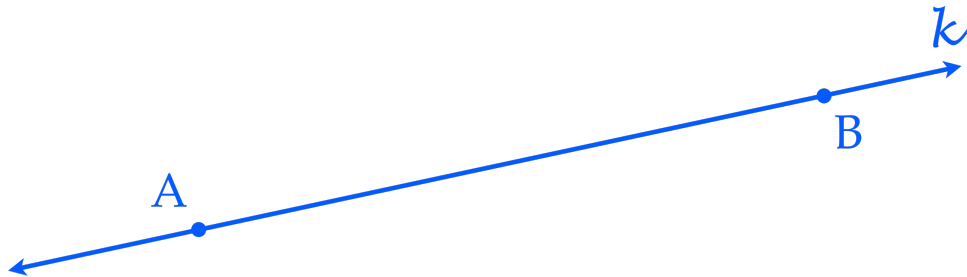


Geometric Notation

$\overleftrightarrow{AB}$ Line

The line containing the points A and B.

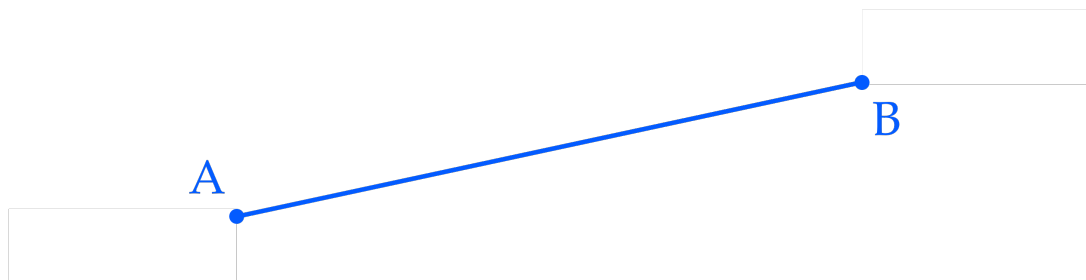
This line can also be called line k .



Geometric Notation

$\overline{AB}$ Line Segment

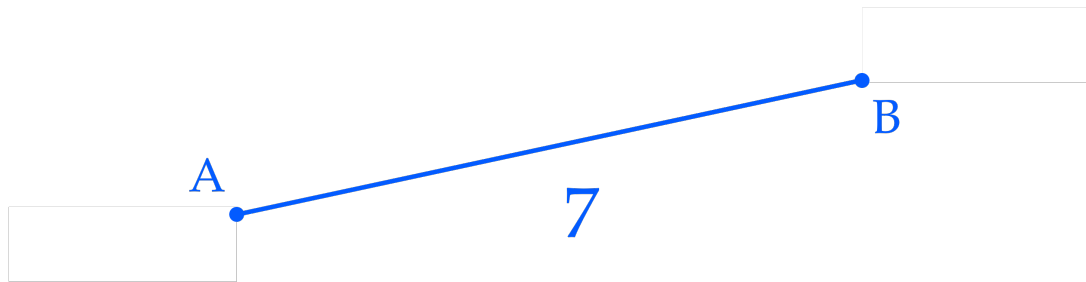
The line segment with endpoints A and B.



Geometric Notation

$$\overline{AB} = 7$$

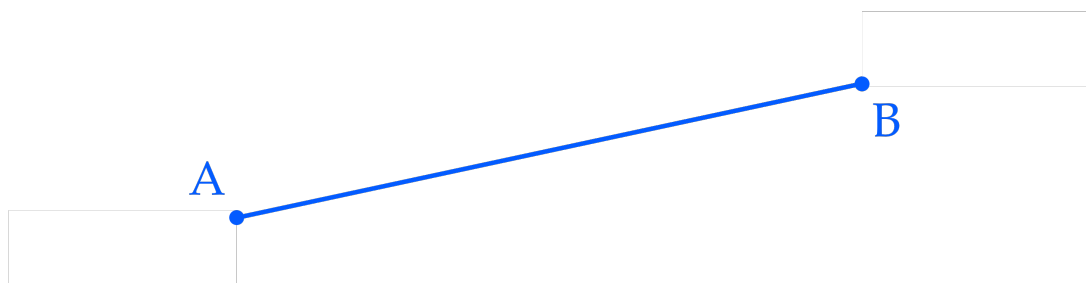
The length of line segment AB.



Geometric Notation

$$\overrightarrow{AB} \quad \text{Ray}$$

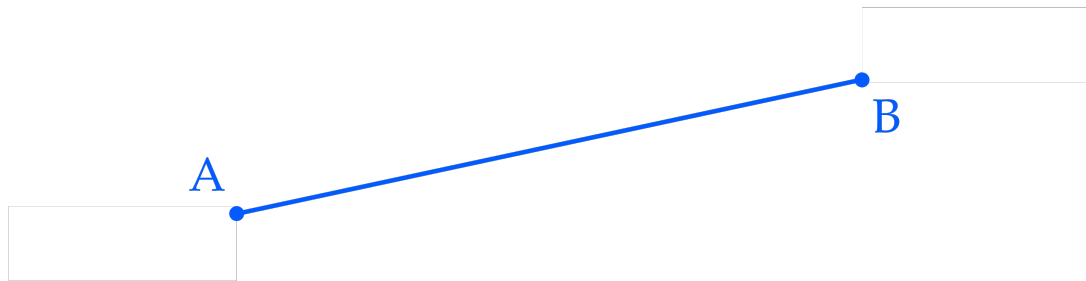
The ray starting at point A and extending infinitely through point B.



Geometric Notation

$\overrightarrow{BA}$ Ray

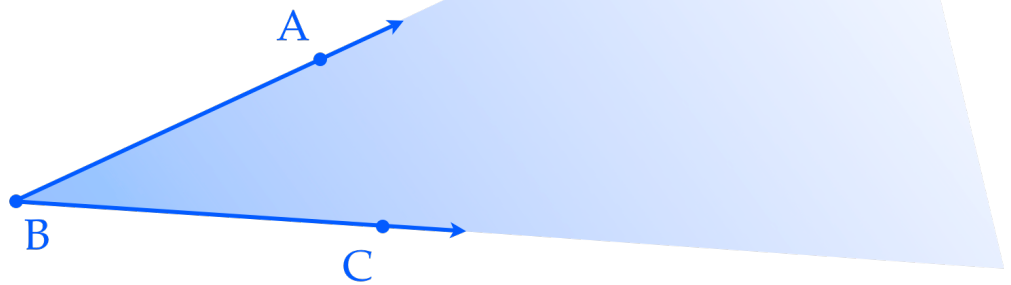
The ray starting at point B and extending infinitely through point A.



Geometric Notation

$\angle ABC$ Angle

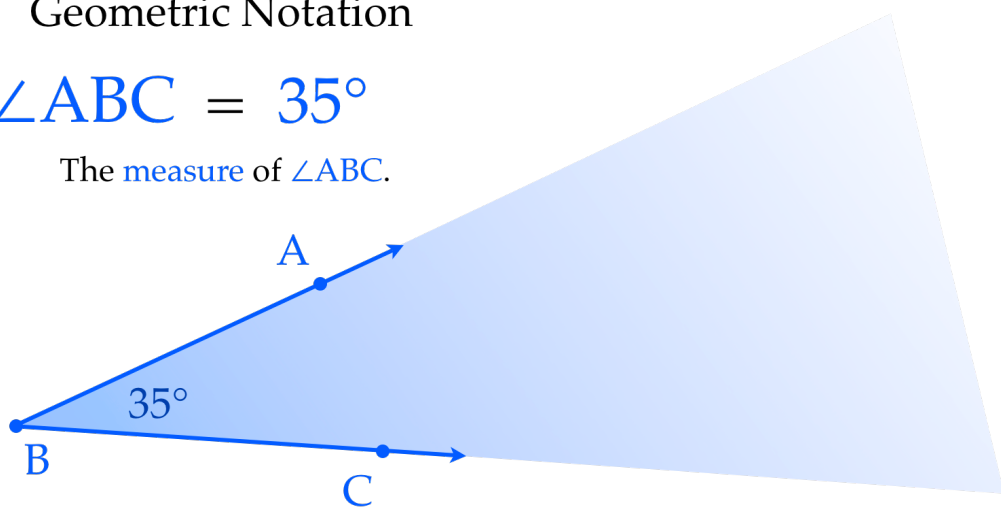
The angle created by $\overrightarrow{BA}$ and $\overrightarrow{BC}$.



Geometric Notation

$$m\angle ABC = 35^\circ$$

The **measure** of $\angle ABC$.



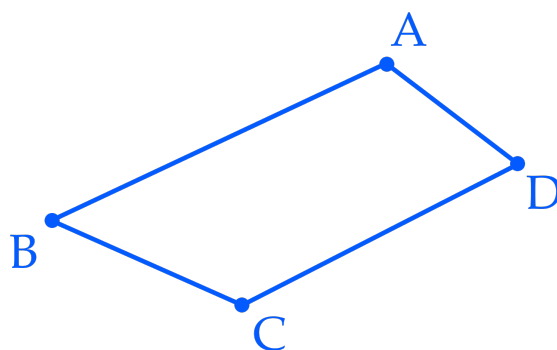
Geometric Notation

ABCD Quadrilateral

A **quadrilateral** with **vertices** at points A, B, C and D.

Vertices

A
B
C
D



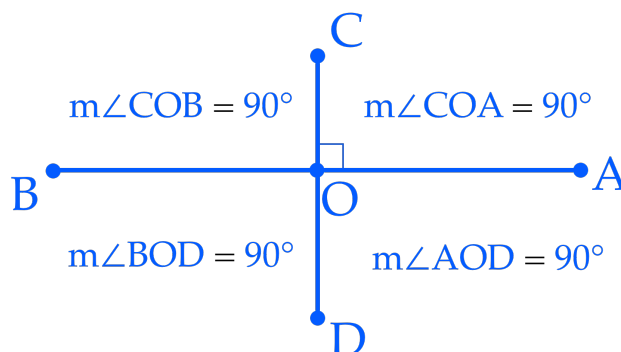
Line Segments

$\overline{AB}$
 $\overline{BC}$
 $\overline{CD}$
 $\overline{AD}$

Geometric Notation

$$\overline{AB} \perp \overline{CD}$$

$\overline{AB}$ is perpendicular to $\overline{CD}$.



Geometric Notation

$$\overleftrightarrow{AB} \parallel \overleftrightarrow{CD}$$

$\overleftrightarrow{AB}$ is parallel to $\overleftrightarrow{CD}$.

