

Name : _____

Differentiate – Line, Line segment & Ray

Line

It has no end points.

Lines have no measurable length.

Diagrammatic representation:



The symbolic representation of a line is \overleftrightarrow{AB} or \overleftrightarrow{BA} .

Line segment

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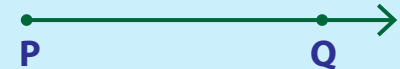
The symbolic representation of a line segment is \overline{XY} or \overline{YX} .

Ray

It has a starting point and no end point.

Rays have no finite length.

Diagrammatic representation:



The symbolic representation of a ray is \overrightarrow{PQ} .