



Point, Line, Line Segment Ray, Plane

Name _____

Date _____

GSL02

Point

A point in geometry is to locate an exact position in space.



Line

A line is a collection of points which extends to infinity in both directions. It has no breadth or thickness.

A line is represented as \overleftrightarrow{PQ} .



Line segment

A line segment is a part of a line that has definite end points.

A line segment is represented as \overline{AB} .





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Ray

A ray is a part of a line with a starting point and extends endlessly in one direction.

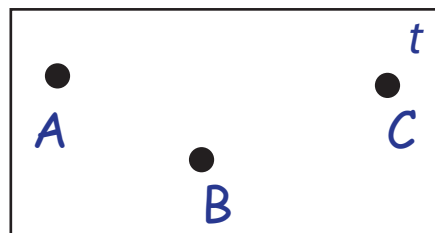
A ray is represented as \overrightarrow{MN} .



Plane

A plane is a flat surface with no thickness and extends to infinity in all directions.

It is represented as Plane t or Plane ABC.



Collinear points

Points that lie on a straight line are called collinear points.

