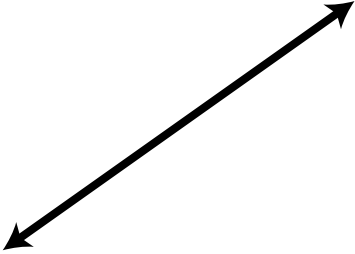
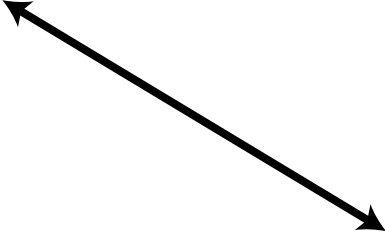
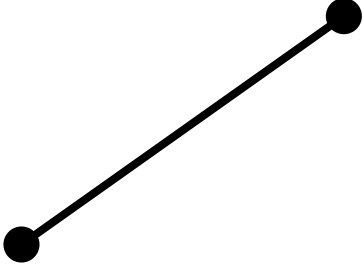


Line (Geometry)

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

In Geometry, a **line** is one of the most basic and undefined terms, but it has a commonly accepted description.

A line in geometry is a straight, one-dimensional figure that extends infinitely in both directions and has no thickness or endpoints.

Key Characteristics:

- It is made up of infinitely many points.
- It has **no beginning or end**.
- It is **straight** and **extends forever** in both directions.
- It is usually labeled with **two points** on the line (e.g., line AB) or with a lowercase letter (e.g., line l).

Example:

If you have two points A and B , the line passing through them is written as line AB , and it includes all points between A and B , as well as beyond them in both directions.

In diagrams, a line is often represented with arrows on both ends to show it continues infinitely.

