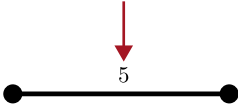
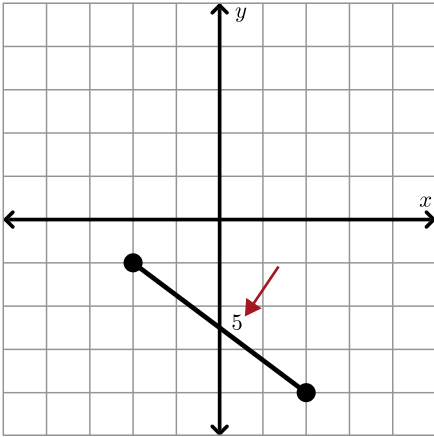
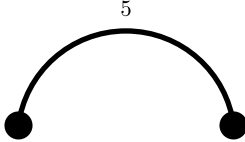


Distance

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

Distance refers to the **length of the shortest path between two points**.

More specifically:

- The distance between two points on a flat surface (a plane) is measured as the length of the straight line connecting them.
- In the coordinate plane, you can use the **distance formula** to calculate it:

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

where (x_1, y_1) and (x_2, y_2) are the coordinates of the two points.