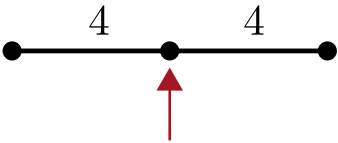
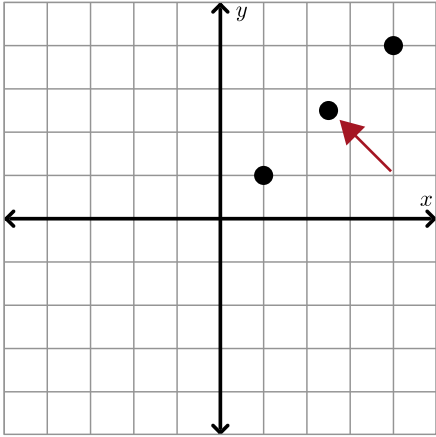
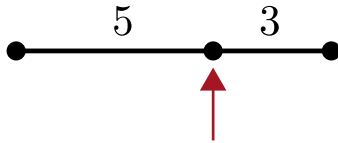


Midpoint

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

A **midpoint** is the **point that is exactly halfway between the two endpoints of a line segment**.

- It **divides the segment into two equal parts**.
- If the segment is on a coordinate plane, the midpoint can be found using the **midpoint formula**:

$$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

This gives the coordinates of the point that is right in the middle of the segment.