

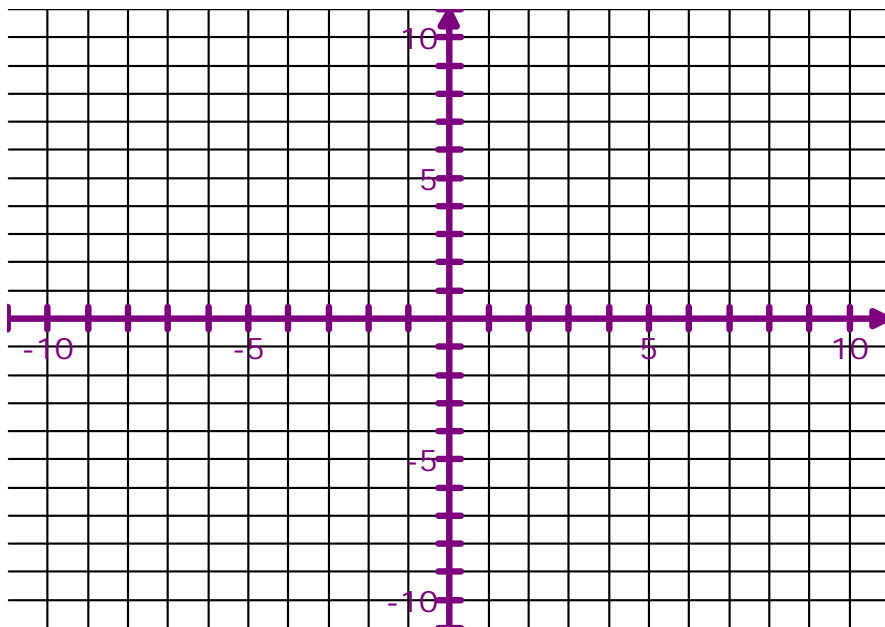
Finding the Midpoint of a Line Segment

Graph each pair of points and draw the line segment between them:

- $(-1, -4)$ and $(1, -4)$
- $(-2, 1)$ and $(2, 1)$
- $(-4, 6)$ and $(4, 6)$

Find the coordinates of each midpoint.

Explain how you found their lengths.

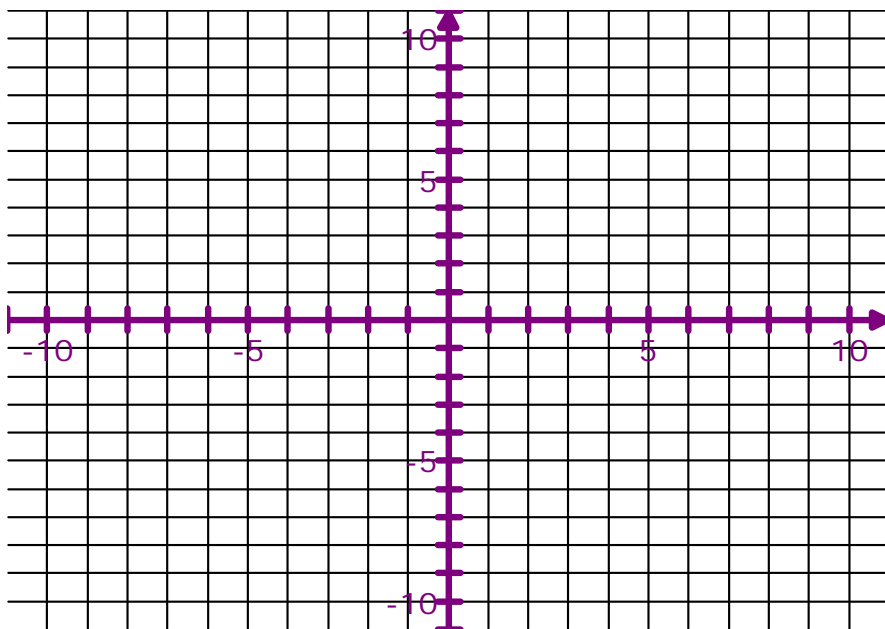


Graph each pair of points and draw the line segment between them:

- $(1, -4)$ and $(1, 6)$
- $(-2, 1)$ and $(-2, -3)$
- $(-4, 6)$ and $(-4, -6)$

Find the coordinates of the midpoint for each segment.

Explain how you found their lengths.

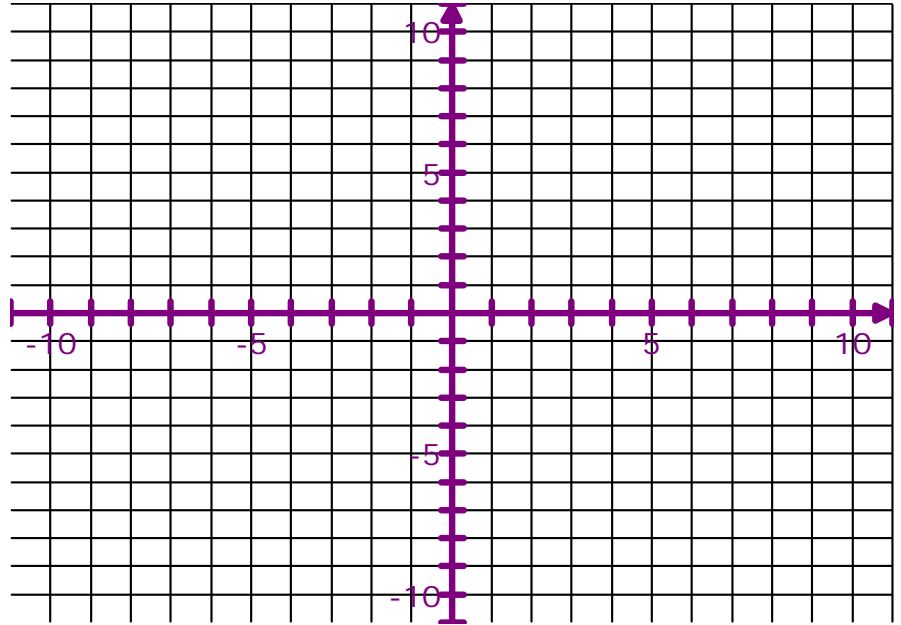


Graph the pairs of points and draw the line segment between them:

- $(-6, 8)$ and $(6, 2)$
- $(-4, 1)$ and $(-2, -3)$
- $(-6, -8)$ and $(4, -6)$

Draw each line segment and locate the midpoint for each segment.

Explain how you found the coordinates of the midpoint.



If one endpoint of a segment is at $(2, 5)$ and the midpoint is at $(-3, 2)$ find the coordinates of the other endpoint.

