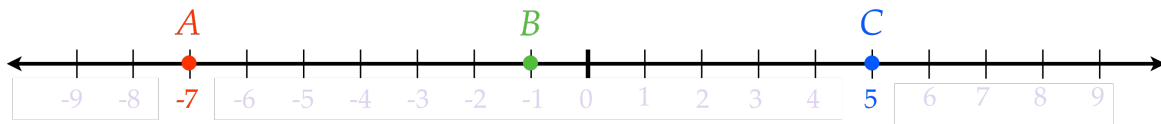


Midpoint Formula

On a number line: The coordinate of the **midpoint** of \overline{AC} , where a and c are the coordinates of A and C respectively is

$$\frac{a + c}{2}$$



Find the **midpoint** of \overline{AC}

On a number line: The coordinate of the **midpoint** of \overline{XZ} , where a and c are the coordinates of X and Z respectively is

$$\frac{a + c}{2}$$

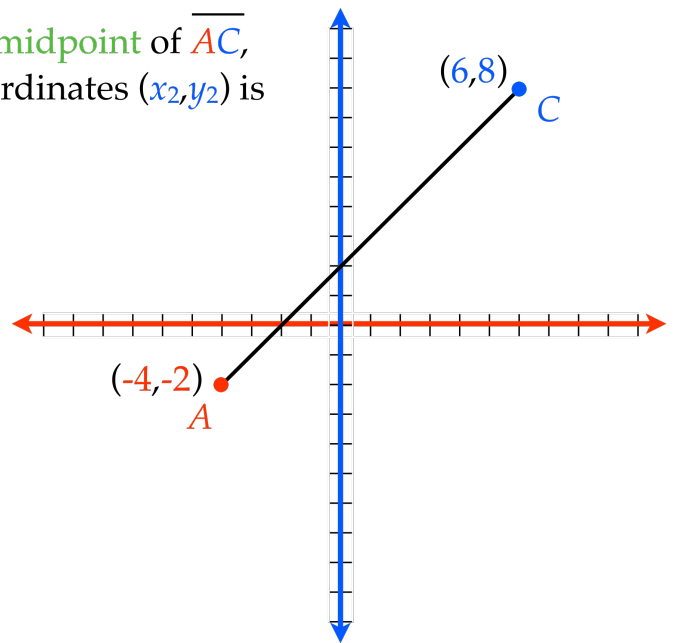


Find the **midpoint** of \overline{XZ}

In a coordinate plane: The coordinates of the **midpoint** of \overline{AC} , where A has coordinates (x_1, y_1) and C has coordinates (x_2, y_2) is

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

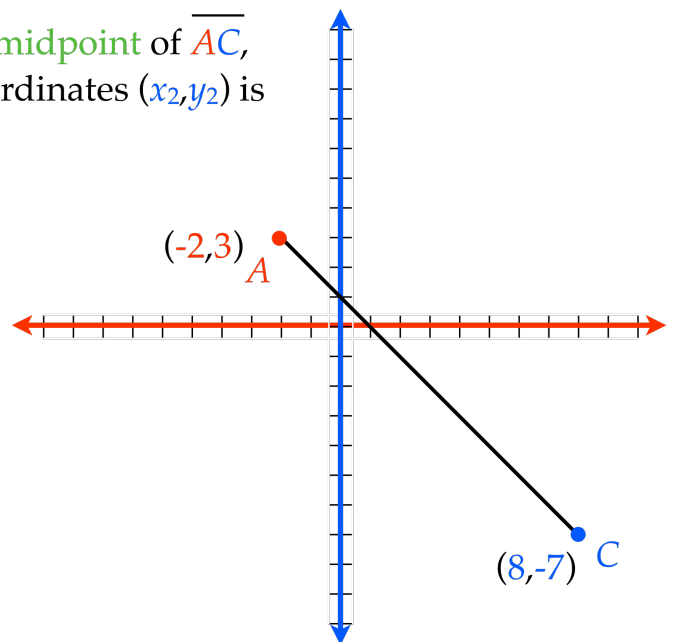
Find the **midpoint** of \overline{AC}



In a coordinate plane: The coordinates of the **midpoint** of \overline{AC} , where A has coordinates (x_1, y_1) and C has coordinates (x_2, y_2) is

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

Find the **midpoint** of \overline{AC}



On a number line: The coordinate of the midpoint of \overline{AC} , where a and c are the coordinates of A and C respectively is

$$\frac{a + c}{2}$$

In a coordinate plane: The coordinates of the midpoint of \overline{AC} , where A has coordinates (x_1, y_1) and C has coordinates (x_2, y_2) is

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