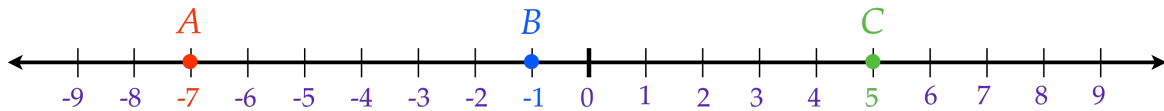


On a number line: The **distance** between two points, A and B , where a and b are the coordinates of A and B respectively is

$$|a - b|$$



Find the **distance**
from A to B

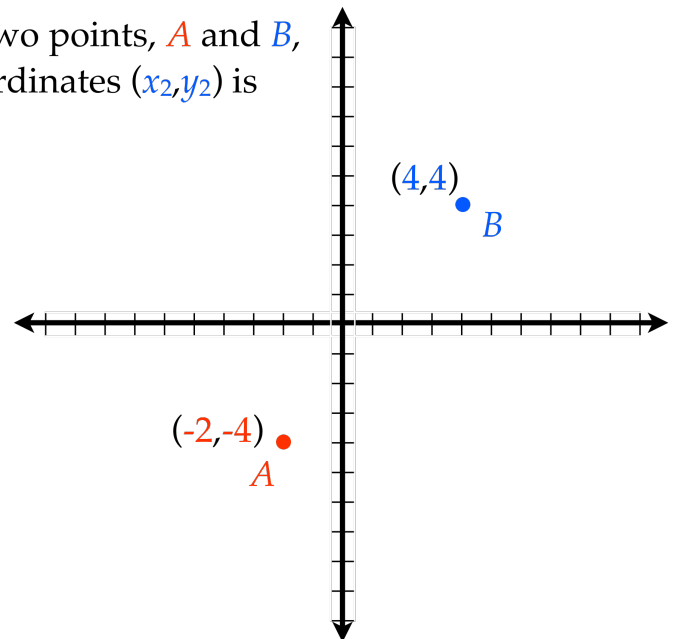
Find the **distance**
from A to C

Find the **distance**
from B to C

In a coordinate plane: The **distance** between two points, A and B , where A has coordinates (x_1, y_1) and B has coordinates (x_2, y_2) is

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

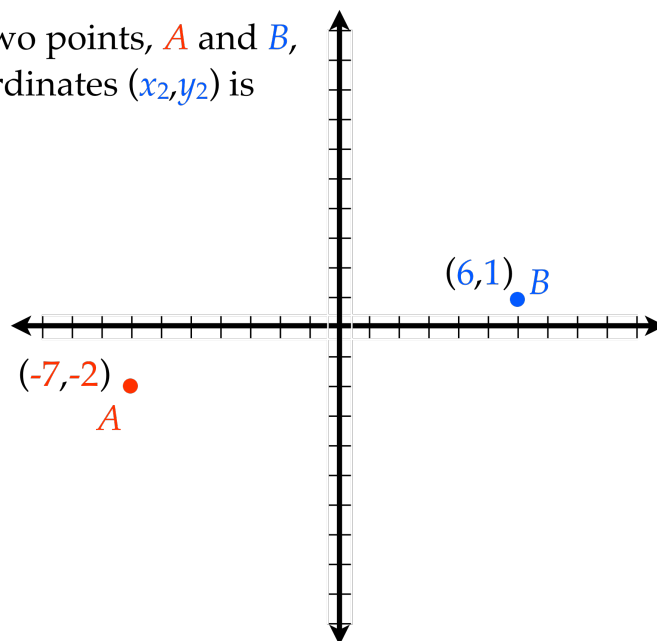
Find the **distance** from A to B



In a coordinate plane: The **distance** between two points, A and B , where A has coordinates (x_1, y_1) and B has coordinates (x_2, y_2) is

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

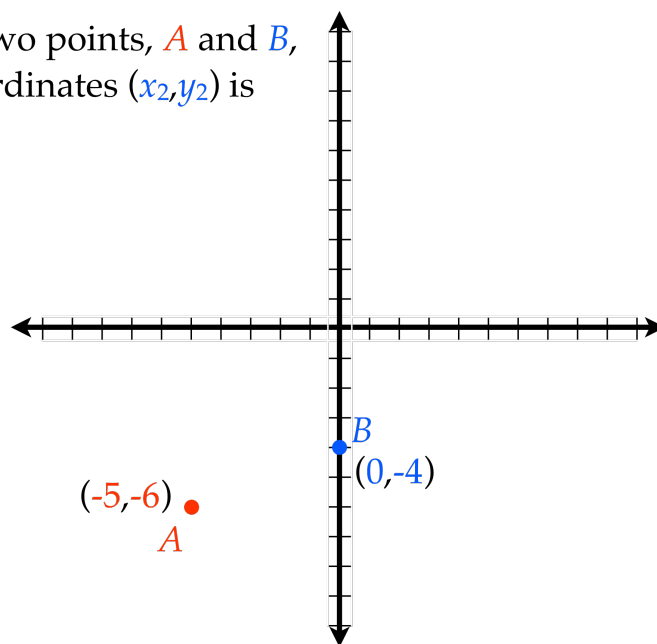
Find the **distance** from A to B



In a coordinate plane: The **distance** between two points, A and B , where A has coordinates (x_1, y_1) and B has coordinates (x_2, y_2) is

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

Find the **distance** from A to B



On a number line: The **distance** between two points, A and B , where a and b are the coordinates of A and B respectively is

$$| a - b |$$

In a coordinate plane: The **distance** between two points, A and B , where A has coordinates (x_1, y_1) and B has coordinates (x_2, y_2) is

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