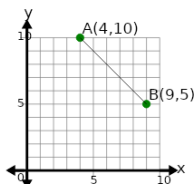


**Determine the midpoint of a line segment**

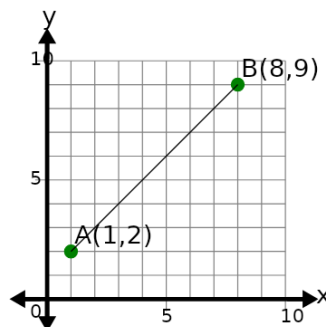
- 1** Is the mid-point of segment AB equal to (5.5, 4.5)



A No

B Yes

- 2** How would you find the mid-point of segment AB?



A
$$\left(\frac{1+8}{2}, \frac{2+9}{2}\right)$$

B
$$\left(\frac{2+9}{2}, \frac{1+8}{2}\right)$$

- 3** Is the mid-point of segment AB equal to (4.5, 3.5)

Point A : (3, 10)

Point B : (6, 4)

A Yes

B No

- 4** How would you find the mid-point of segment AB?

Point A : (6, 9)

Point B : (10, 1)

A
$$\left(\frac{9+1}{2}, \frac{6+10}{2}\right)$$

B
$$\left(\frac{6+10}{2}, \frac{9+1}{2}\right)$$

- 5** Find the mid-point of segment AB
Point A : (5, 4)
Point B : (6, 10)

A (5.5, 7)

B (5.5, 7.5)

C (5.5, 8)

- 6** Find the mid-point of segment AB
Point A : (4, 9)
Point B : (6, 5)

A (5, 7)

B (4, 3.5)

C (5, 5.5)

- 7** Find the mid-point of segment AB
Point A : (1, 5)
Point B : (2, 10)

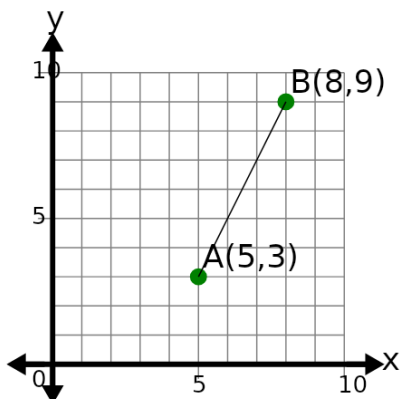
A (1.5, 6)

B (1.5, 7.5)

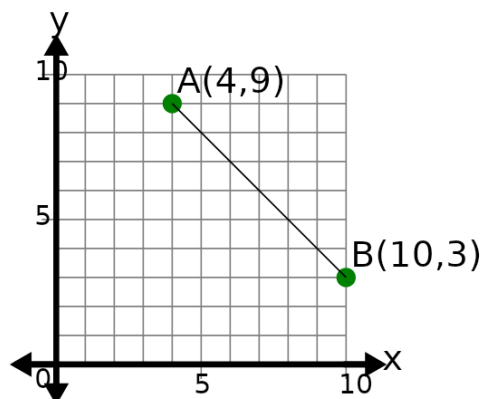
C (1.5, 4.5)

**Determine the midpoint of a line segment****8**

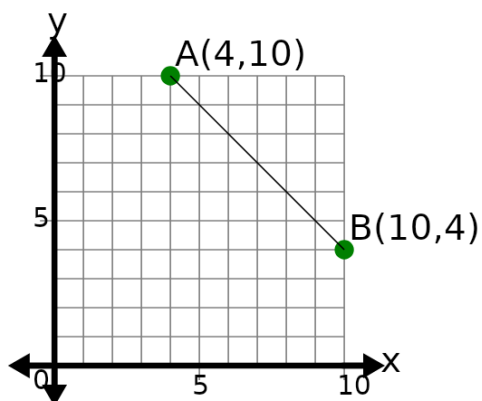
Find the mid-point of segment AB

A $(6.5, 6)$ B $(5.5, 6)$ C $(6.5, 8)$ **9**

Find the mid-point of segment AB

A $(7, 3.5)$ B $(7, 6)$ C $(6, 2.5)$ **10**

Find the mid-point of segment AB

A $(7, 7)$ B $(8, 4)$ C $(7.5, 4)$ **11**

Find the mid-point of segment AB

Point A : $(6, 2)$ Point B : $(7, 8)$ A $(7, 7)$ B $(6.5, 5)$ C $(6.5, 6)$