



## Line Segment (Points) - Find Midpoint (Formula)

1

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

Point A: (3, 8)

Point B: (10, 1)  $A \left( \frac{3+10}{2}, \frac{8+1}{2} \right)$ 

$$B \left( \frac{8+1}{2}, \frac{3+10}{2} \right)$$

2

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

Point A: (6, 3)

Point B: (7, 6)  $A \left( \frac{3+6}{2}, \frac{6+7}{2} \right)$ 

$$B \left( \frac{6+7}{2}, \frac{3+6}{2} \right)$$

3

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

Point A: (6, 5)

Point B: (8, 1)  $A \left( \frac{6+8}{2}, \frac{5+1}{2} \right)$ 

$$B \left( \frac{5+1}{2}, \frac{6+8}{2} \right)$$

4

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

Point A: (2, 3)

Point B: (3, 5)  $A \left( \frac{3+5}{2}, \frac{2+3}{2} \right)$ 

$$B \left( \frac{2+3}{2}, \frac{3+5}{2} \right)$$

5

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

Point A: (3, 5)

Point B: (5, 1)  $A \left( \frac{5+1}{2}, \frac{3+5}{2} \right)$ 

$$B \left( \frac{3+5}{2}, \frac{5+1}{2} \right)$$

6

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

Point A: (2, 8)

Point B: (4, 2)  $A \left( \frac{8+2}{2}, \frac{2+4}{2} \right)$ 

$$B \left( \frac{2+4}{2}, \frac{8+2}{2} \right)$$

7

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

Point A: (3, 6)

Point B: (4, 5)  $A \left( \frac{3+4}{2}, \frac{6+5}{2} \right)$ 

$$B \left( \frac{6+5}{2}, \frac{3+4}{2} \right)$$

8

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

Point A: (6, 2)

Point B: (10, 10)  $A \left( \frac{2+10}{2}, \frac{6+10}{2} \right)$ 

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