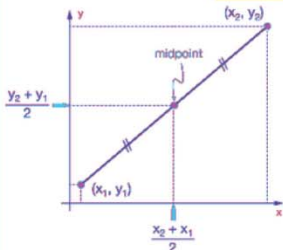


Name :

Class :

Midpoint Formula



A midpoint of a segment is the point on that line segment that divides the segment into two congruent segments.

The Midpoint Formula

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

Find the midpoint of line segment with the given end points

1)

(5, 0), (1, 4)

(3, 2)

3)

(-2, 9), (-7, 7)

(-9/2, 8)

5)

(-1, -6), (3, 0)

(1, -3)

7)

(-6, -10), (-2, -8)

(-4, -9)

9)

(2, 3), (4, -7)

(3, -2)

2)

(-9, 3), (7, -8)

(1, 5/2)

4)

(5, 10), (-3, 6)

(1, 8)

6)

(8, 1), (-2, -5)

(3, -2)

8)

(4, -1), (-5, 9)

(-1/2, 4)

10)

(-9, -4), (-3, 6)

(-6, 1)