

Skor:

MATEMATIK

TINGKATAN 2

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◀ KOORDINAT ▶

$$\text{Titik tengah, } m = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

contoh:

$$A(3, 2) \text{ dan } B(5, 8)$$

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

$$= \left(\frac{3 + 5}{2}, \frac{2 + 8}{2} \right)$$

$$= \left(\frac{8}{2}, \frac{10}{2} \right)$$

$$= (4, 5)$$

Sentiasa
dalam
bentuk
koordinat

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MENENTUKAN KOORDINAT TITIK TENGAH

◆ Isikan tempat kosong dengan nilai yang betul.

Koordinat		Titik tengah, m
1)	(1, 3) (3, 5)	$m = \left(\frac{+}{2}, \frac{+}{2} \right)$ $= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$ $= (\quad, \quad)$
2)	(3, 8) (7, 2)	$m = \left(\frac{+}{2}, \frac{+}{2} \right)$ $= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$ $= (\quad, \quad)$
3)	(6, 2) (2, 4)	$m = \left(\frac{+}{2}, \frac{+}{2} \right)$ $= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$ $= (\quad, \quad)$

4)

 $(-2, 5)$ $(4, 3)$

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

5)

 $(6, 4)$ $(2, -2)$

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

6)

 $(-4, 7)$ $(2, 1)$

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

7)

(2, 0)

(4, 0)

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

8)

(0, 3)

(0, 11)

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

9)

(10, 0)

(0, 12)

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

10)

 $(4, 1)$ $(4, -5)$

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

11)

 $(-3, 5)$ $(-11, 5)$

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$

12)

 $(-7, -3)$ $(-1, -3)$

$$m = \left(\frac{+}{2}, \frac{+}{2} \right)$$

$$= \left(\frac{\quad}{2}, \frac{\quad}{2} \right)$$

$$= (\quad, \quad)$$