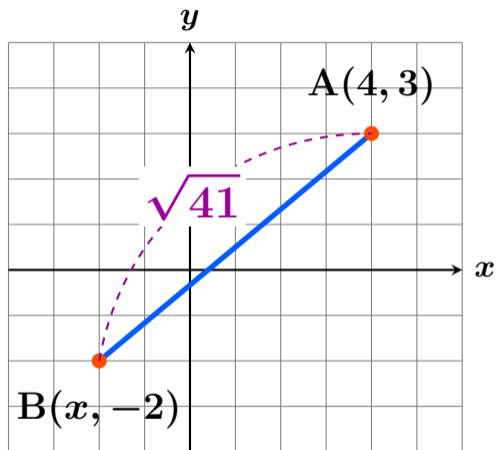
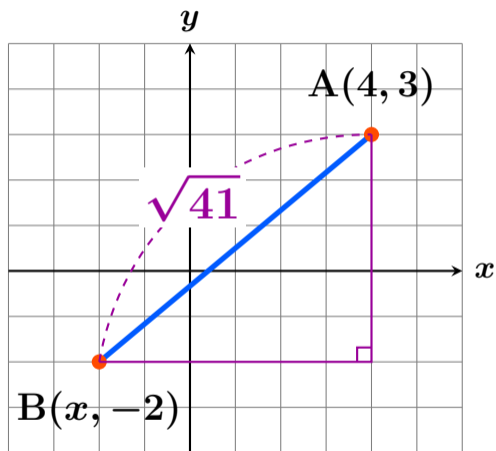


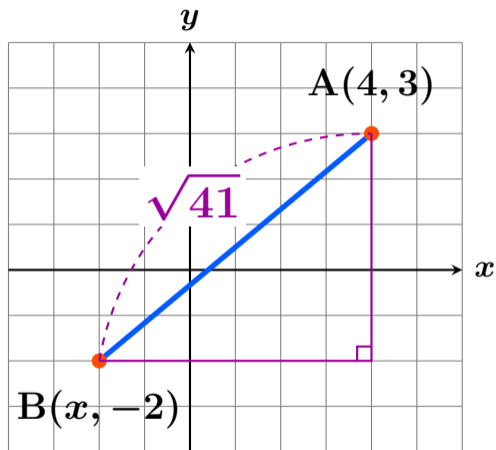
$A(4, 3)$, $P(x, -2)$ の距離が $\sqrt{41}$ のとき x ?



$A(4, 3)$, $P(x, -2)$ の距離が $\sqrt{41}$ のとき x ?

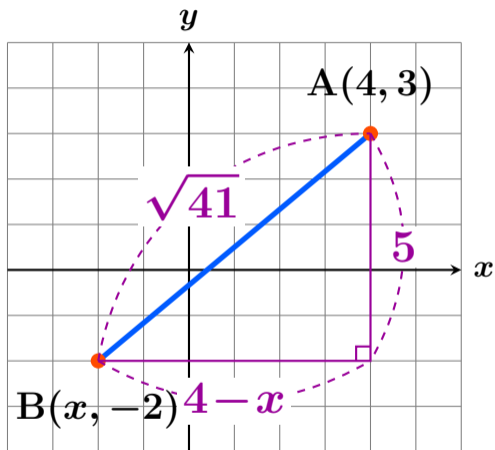


$A(4, 3)$, $P(x, -2)$ の距離が $\sqrt{41}$ のとき x ?



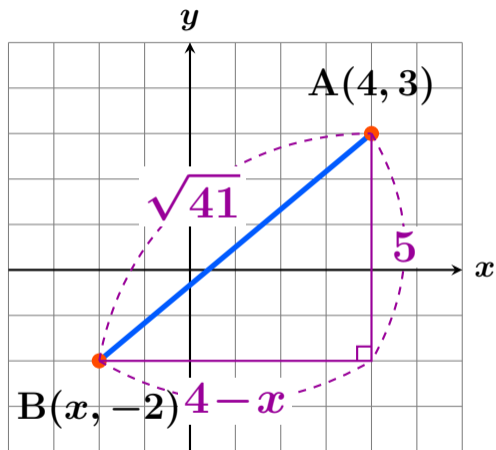
$$\text{○}^2 + \text{△}^2 = \text{斜め}^2$$

$A(4, 3)$, $P(x, -2)$ の距離が $\sqrt{41}$ のとき x ?



$$\text{○}^2 + \text{△}^2 = \text{斜め}^2$$

$A(4, 3)$, $P(x, -2)$ の距離が $\sqrt{41}$ のとき x ?



$$\text{〇}^2 + \text{△}^2 = \text{斜め}^2$$

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$

A(4, 3), P(x , -2) の距離が $\sqrt{41}$ のとき x ?

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$

A(4, 3), P(x, -2) の距離が $\sqrt{41}$ のとき x ?

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$
$$16 - 8x + x^2 + 25 = 41$$

A(4, 3), P(x, -2) の距離が $\sqrt{41}$ のとき x ?

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$

$$16 - 8x + x^2 + 25 = 41$$

$$x^2 - 8x + 41 = 41$$

A(4, 3), P(x, -2) の距離が $\sqrt{41}$ のとき x ?

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$

$$16 - 8x + x^2 + 25 = 41$$

$$x^2 - 8x + 41 = 41$$

$$x^2 - 8x = 0$$

A(4, 3), P(x, -2) の距離が $\sqrt{41}$ のとき x ?

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$

$$16 - 8x + x^2 + 25 = 41$$

$$x^2 - 8x + 41 = 41$$

$$x^2 - 8x = 0$$

$$x(x - 8) = 0$$

A(4, 3), P(x, -2) の距離が $\sqrt{41}$ のとき x ?

$$(4 - x)^2 + 5^2 = \sqrt{41}^2$$

$$16 - 8x + x^2 + 25 = 41$$

$$x^2 - 8x + 41 = 41$$

$$x^2 - 8x = 0$$

$$x(x - 8) = 0$$

$$x = 0, 8 \quad \boxed{\text{答}}$$