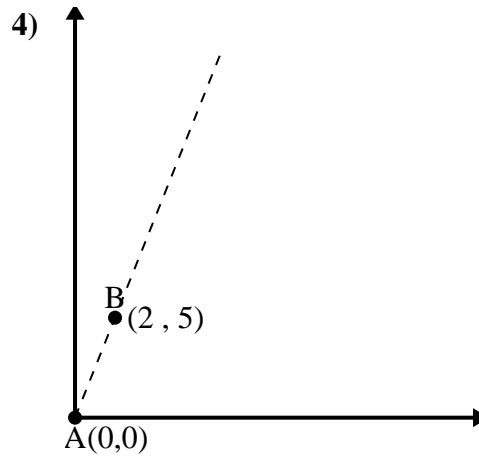
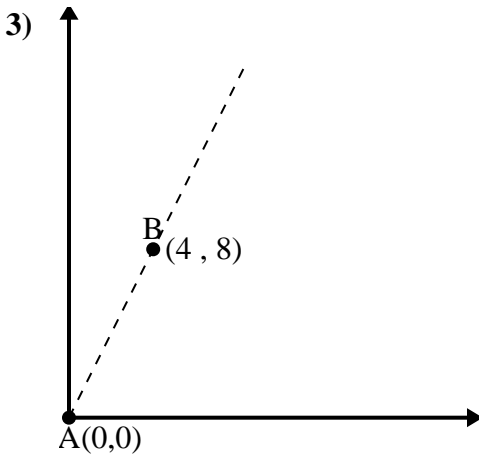
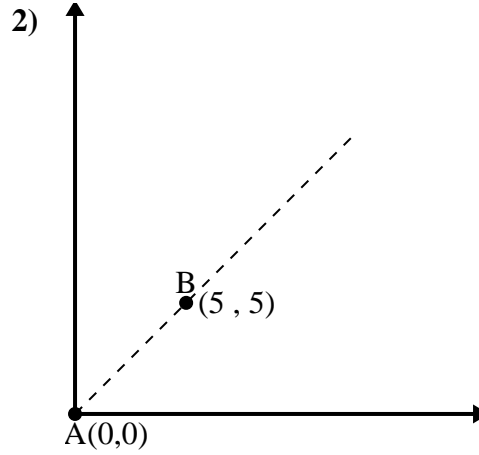
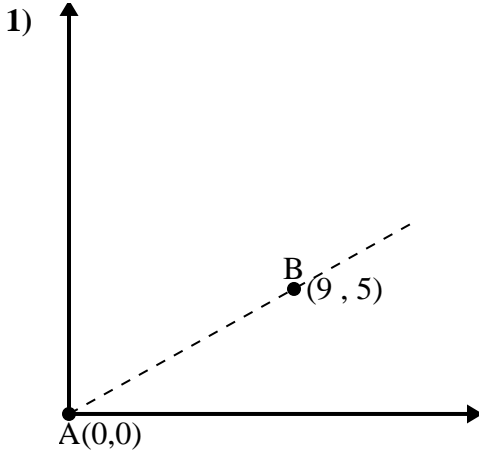




Utilisez la loi des cosinus pour trouver l'angle du point B par rapport au point A.

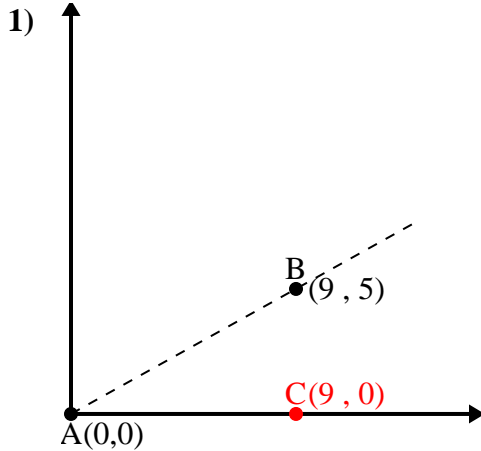
Réponses



- 1. _____
- 2. _____
- 3. _____
- 4. _____



Utilisez la loi des cosinus pour trouver l'angle du point B par rapport au point A.

Réponses

$$\overline{AB} \text{ length} = 10.3$$

$$\overline{AC} \text{ length} = 9$$

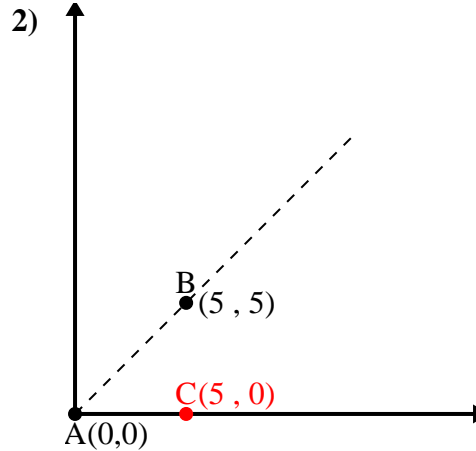
$$\overline{BC} \text{ length} = 5$$

$$(106 + 81 + 25) \div (2 \times 10.3 \times 9)$$

$$0.87$$

$$\cos^{-1}(0.87)$$

$$29.05^\circ$$



$$\overline{AB} \text{ length} = 7.07$$

$$\overline{AC} \text{ length} = 5$$

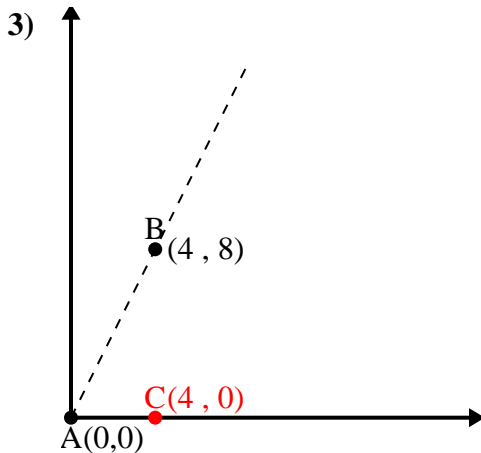
$$\overline{BC} \text{ length} = 5$$

$$(50 + 25 + 25) \div (2 \times 7.07 \times 5)$$

$$0.71$$

$$\cos^{-1}(0.71)$$

$$45^\circ$$



$$\overline{AB} \text{ length} = 8.94$$

$$\overline{AC} \text{ length} = 4$$

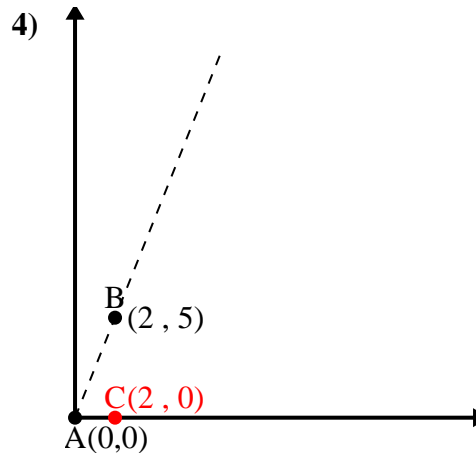
$$\overline{BC} \text{ length} = 8$$

$$(80 + 16 + 64) \div (2 \times 8.94 \times 4)$$

$$0.45$$

$$\cos^{-1}(0.45)$$

$$63.43^\circ$$



$$\overline{AB} \text{ length} = 5.39$$

$$\overline{AC} \text{ length} = 2$$

$$\overline{BC} \text{ length} = 5$$

$$(29 + 4 + 25) \div (2 \times 5.39 \times 2)$$

$$0.37$$

$$\cos^{-1}(0.37)$$

$$68.2^\circ$$

1. 29,05°

2. 45°

3. 63,43°

4. 68,2°