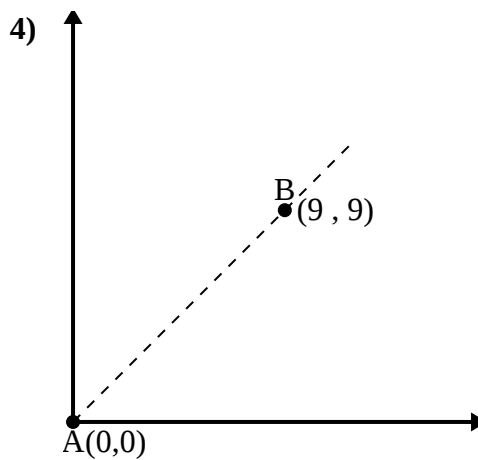
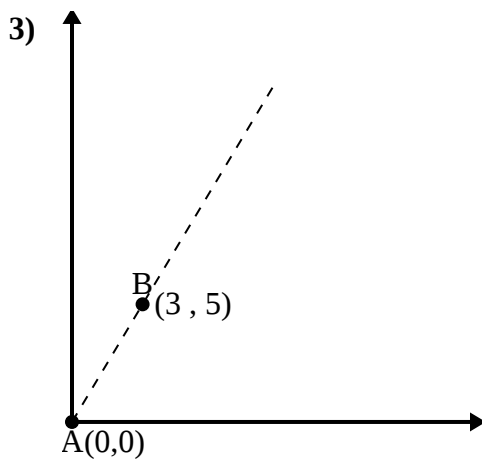
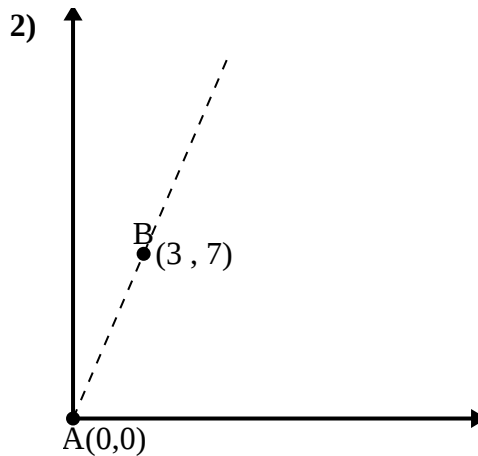
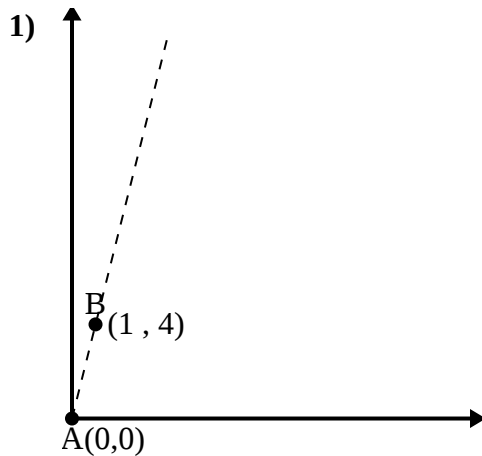




Verwenden Sie das Kosinusetz, um den Winkel von Punkt B relativ zu Punkt A zu bestimmen.

Antworten

1. _____

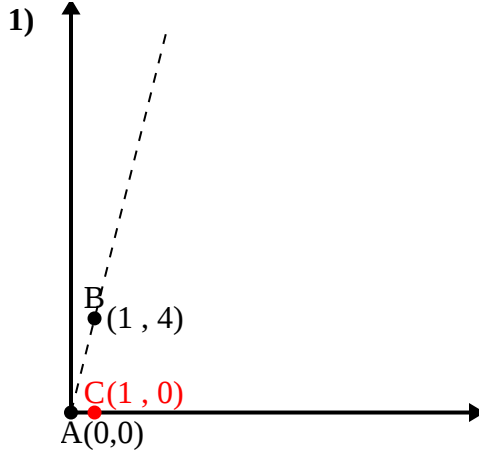
2. _____

3. _____

4. _____



Verwenden Sie das Kosinusetz, um den Winkel von Punkt B relativ zu Punkt A zu bestimmen.

Antworten

$$\overline{AB} \text{ length} = 4.12$$

$$\overline{AC} \text{ length} = 1$$

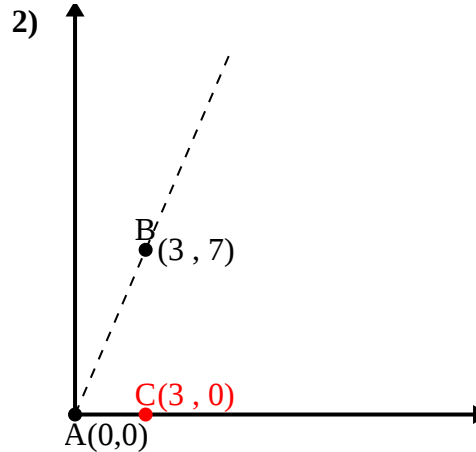
$$\overline{BC} \text{ length} = 4$$

$$(17 + 1 + 16) : (2 \cdot 4.12 \cdot 1)$$

$$0.24$$

$$\cos^{-1}(0.24)$$

$$75.96^\circ$$



$$\overline{AB} \text{ length} = 7.62$$

$$\overline{AC} \text{ length} = 3$$

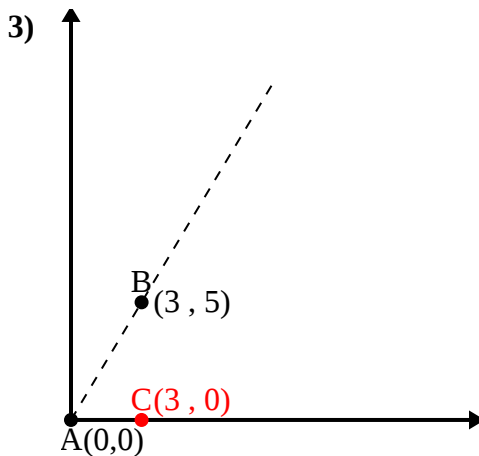
$$\overline{BC} \text{ length} = 7$$

$$(58 + 9 + 49) : (2 \cdot 7.62 \cdot 3)$$

$$0.39$$

$$\cos^{-1}(0.39)$$

$$66.8^\circ$$



$$\overline{AB} \text{ length} = 5.83$$

$$\overline{AC} \text{ length} = 3$$

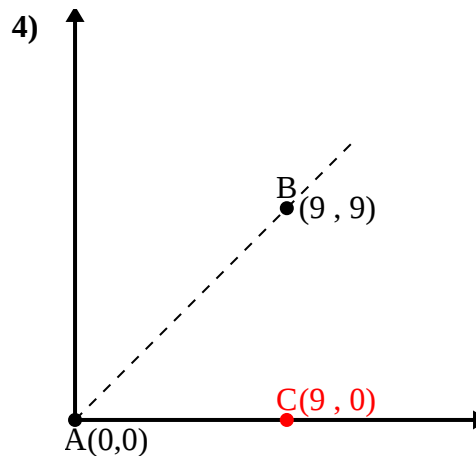
$$\overline{BC} \text{ length} = 5$$

$$(34 + 9 + 25) : (2 \cdot 5.83 \cdot 3)$$

$$0.51$$

$$\cos^{-1}(0.51)$$

$$59.04^\circ$$



$$\overline{AB} \text{ length} = 12.73$$

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

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

$$(162 + 81 + 81) : (2 \cdot 12.73 \cdot 9)$$

$$0.71$$

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

$$45^\circ$$

1. **75,96°**

2. **66,8°**

3. **59,04°**

4. **45°**