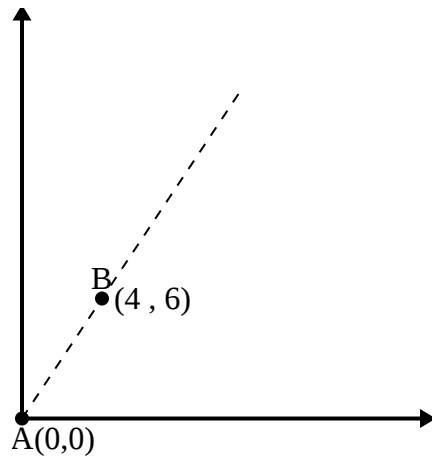




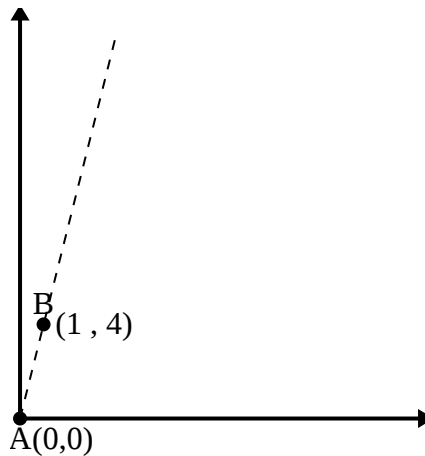
Verwenden Sie das Kosinussatz, um den Winkel von Punkt B relativ zu Punkt A zu bestimmen.

Antworten

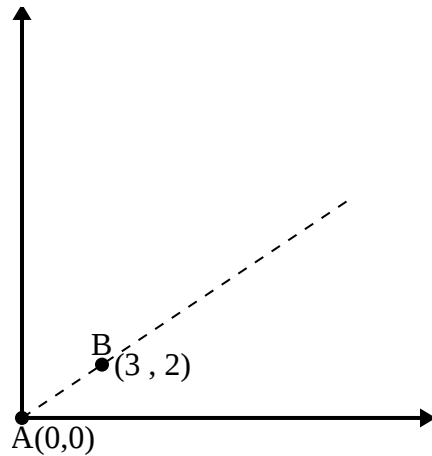
1)



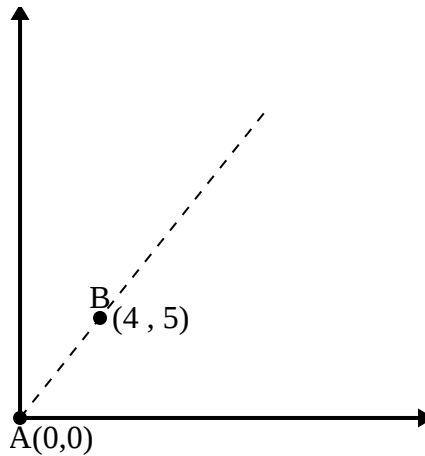
2)



3)



4)



1. _____

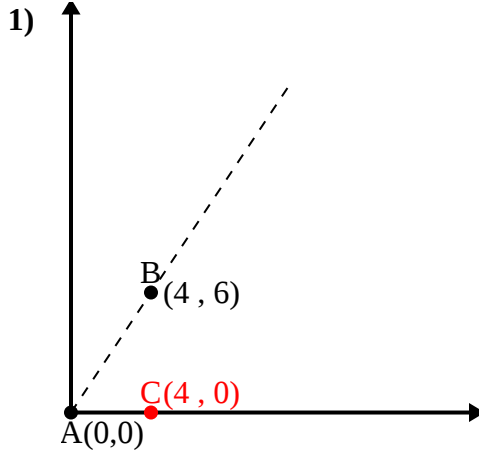
2. _____

3. _____

4. _____



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

Antworten

$$\overline{AB} \text{ length} = 7.21$$

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

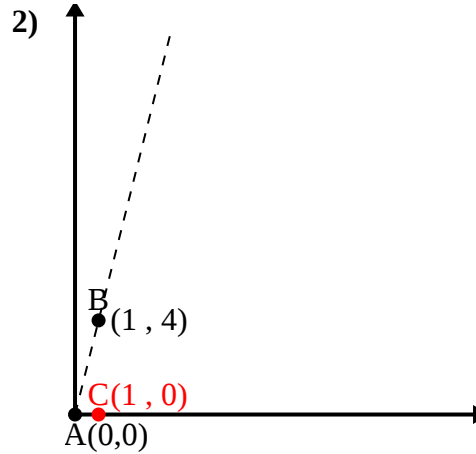
$$\overline{BC} \text{ length} = 6$$

$$(52 + 16 + 36) : (2 \cdot 7.21 \cdot 4)$$

$$0.55$$

$$\cos^{-1}(0.55)$$

$$56.31^\circ$$



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

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

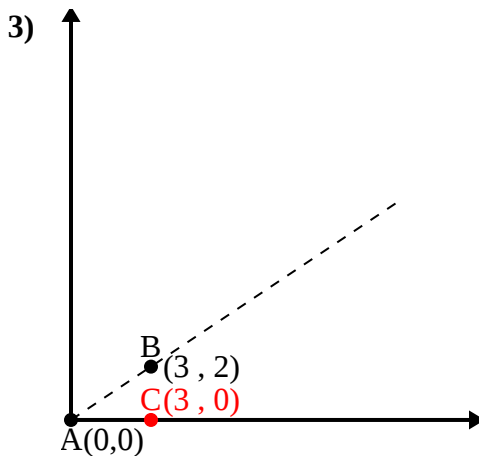
$$\overline{BC} \text{ length} = 4$$

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

$$0.24$$

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

$$75.96^\circ$$



$$\overline{AB} \text{ length} = 3.61$$

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

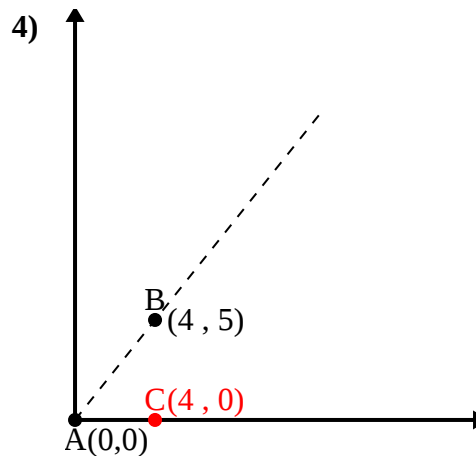
$$\overline{BC} \text{ length} = 2$$

$$(13 + 9 + 4) : (2 \cdot 3.61 \cdot 3)$$

$$0.83$$

$$\cos^{-1}(0.83)$$

$$33.69^\circ$$



$$\overline{AB} \text{ length} = 6.4$$

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

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

$$(41 + 16 + 25) : (2 \cdot 6.4 \cdot 4)$$

$$0.62$$

$$\cos^{-1}(0.62)$$

$$51.34^\circ$$

1. **56,31°**

2. **75,96°**

3. **33,69°**

4. **51,34°**