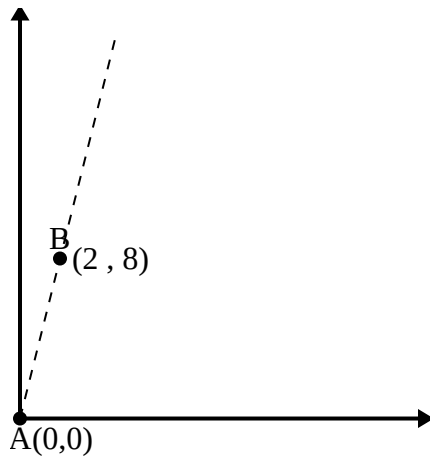




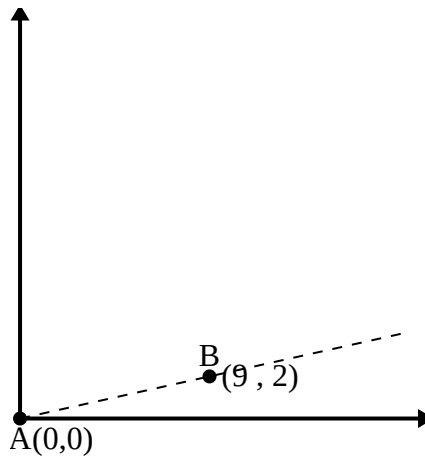
Verwenden Sie das Kosinussatz, um den Winkel von Punkt B relativ zu Punkt A zu bestimmen.

Antworten

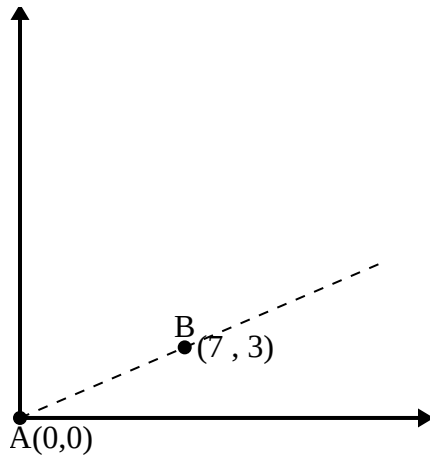
1)



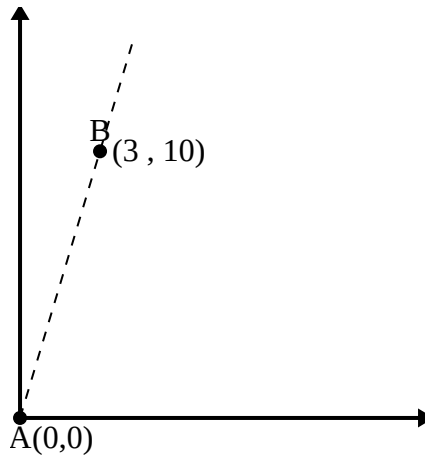
2)



3)



4)



1. _____

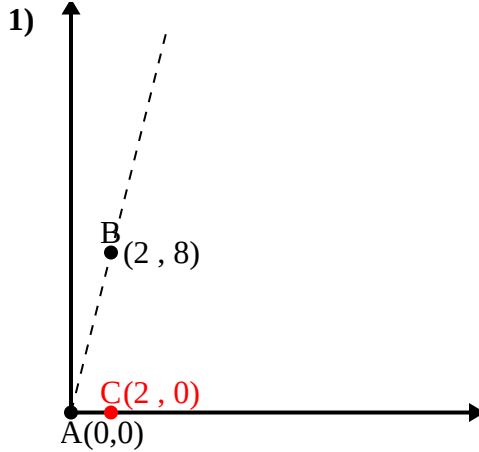
2. _____

3. _____

4. _____



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

Antworten

$$\overline{AB} \text{ length} = 8.25$$

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

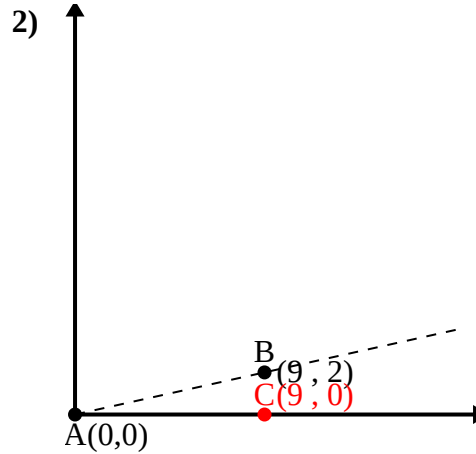
$$\overline{BC} \text{ length} = 8$$

$$(68 + 4 + 64) : (2 \cdot 8.25 \cdot 2)$$

$$0.24$$

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

$$75.96^\circ$$



$$\overline{AB} \text{ length} = 9.22$$

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

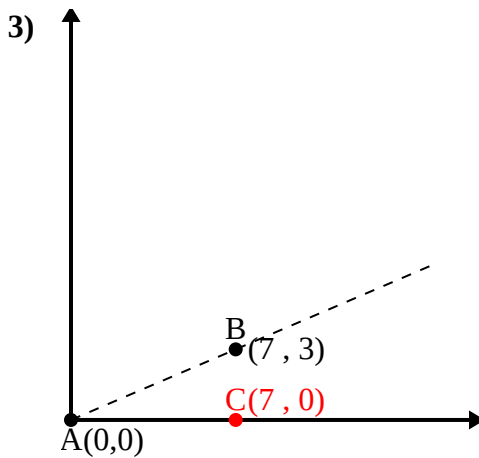
$$\overline{BC} \text{ length} = 2$$

$$(85 + 81 + 4) : (2 \cdot 9.22 \cdot 9)$$

$$0.98$$

$$\cos^{-1}(0.98)$$

$$12.53^\circ$$



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

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

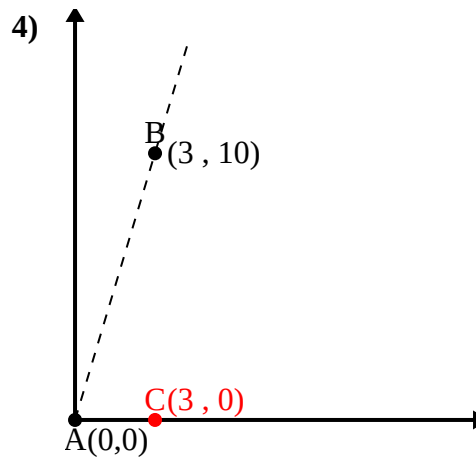
$$\overline{BC} \text{ length} = 3$$

$$(58 + 49 + 9) : (2 \cdot 7.62 \cdot 7)$$

$$0.92$$

$$\cos^{-1}(0.92)$$

$$23.2^\circ$$



$$\overline{AB} \text{ length} = 10.44$$

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

$$\overline{BC} \text{ length} = 10$$

$$(109 + 9 + 100) : (2 \cdot 10.44 \cdot 3)$$

$$0.29$$

$$\cos^{-1}(0.29)$$

$$73.3^\circ$$

1. 75.96°

2. 12.53°

3. 23.2°

4. 73.3°