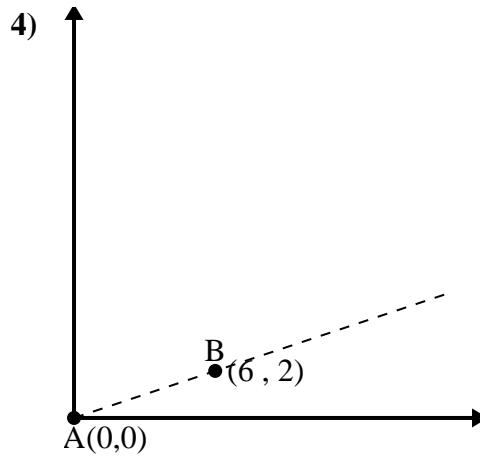
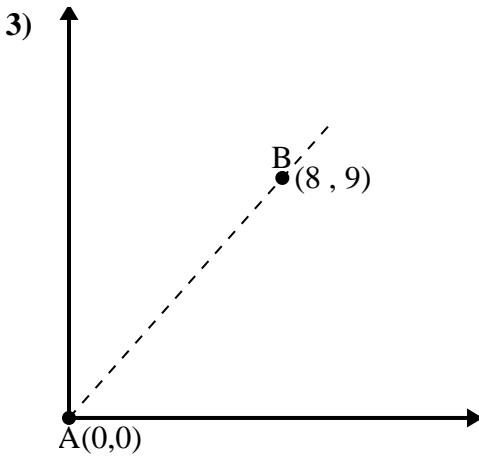
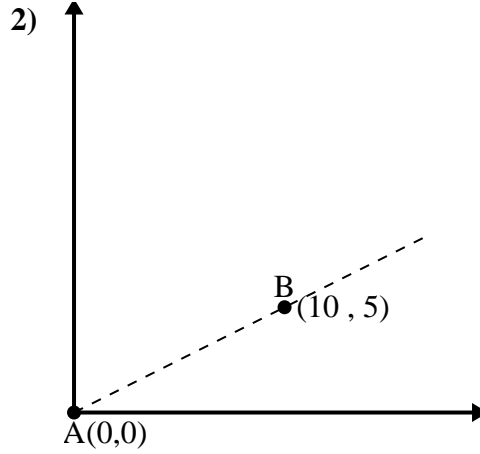
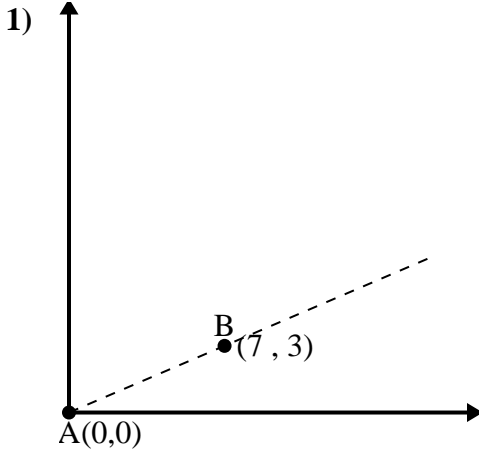




Verwenden Sie das Kosinusetz, um den Winkel von Punkt B relativ zu Punkt A zu bestimmen.

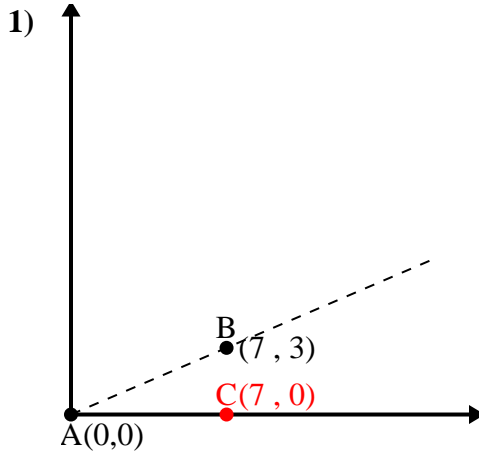
**Antworten**



- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_



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

**Antworten**

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

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

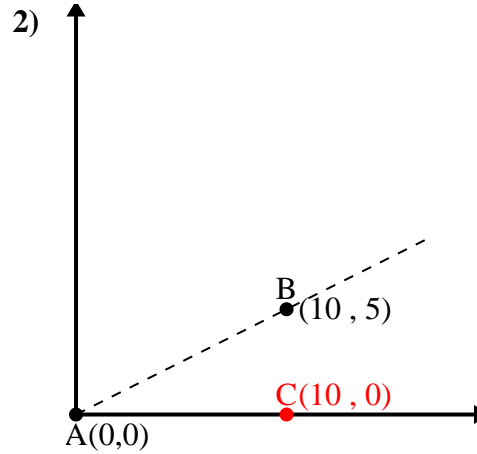
$$\overline{BC} \text{ length} = 3$$

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

$$0.92$$

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

$$23.2^\circ$$



$$\overline{AB} \text{ length} = 11.18$$

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

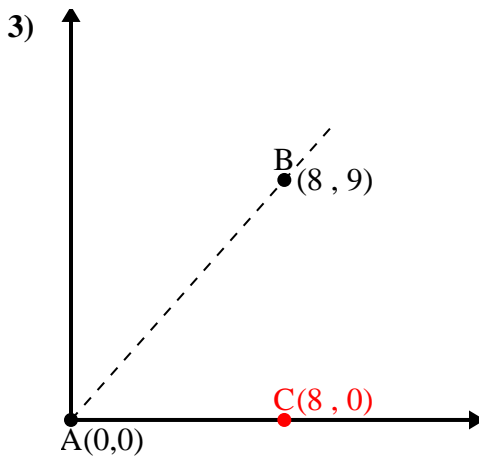
$$\overline{BC} \text{ length} = 5$$

$$(125 + 100 + 25) : (2 \cdot 11.18 \cdot 10)$$

$$0.89$$

$$\cos^{-1}(0.89)$$

$$26.57^\circ$$



$$\overline{AB} \text{ length} = 12.04$$

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

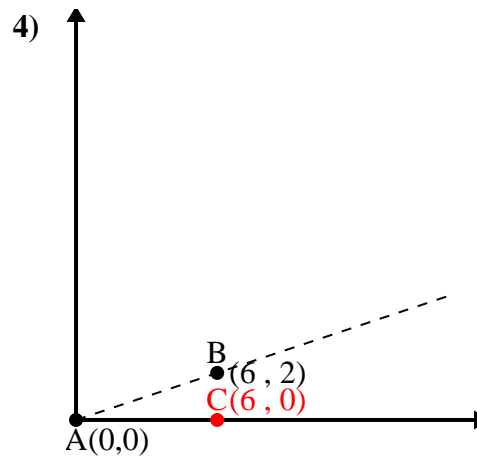
$$\overline{BC} \text{ length} = 9$$

$$(145 + 64 + 81) : (2 \cdot 12.04 \cdot 8)$$

$$0.66$$

$$\cos^{-1}(0.66)$$

$$48.37^\circ$$



$$\overline{AB} \text{ length} = 6.32$$

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

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

$$(40 + 36 + 4) : (2 \cdot 6.32 \cdot 6)$$

$$0.95$$

$$\cos^{-1}(0.95)$$

$$18.43^\circ$$

1. 23,2°

2. 26,57°

3. 48,37°

4. 18,43°