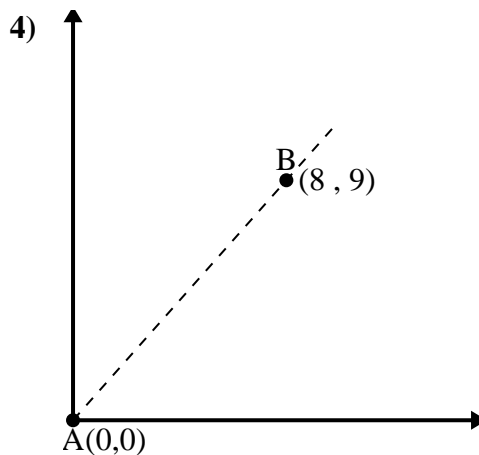
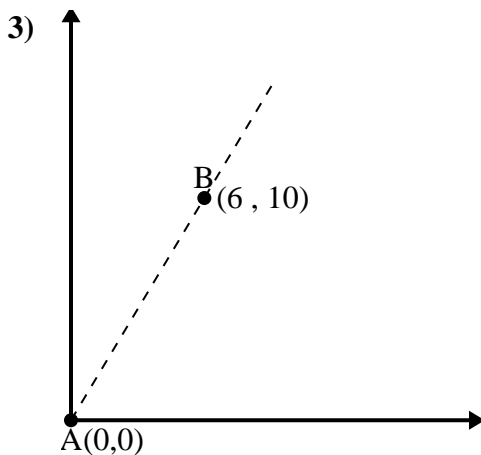
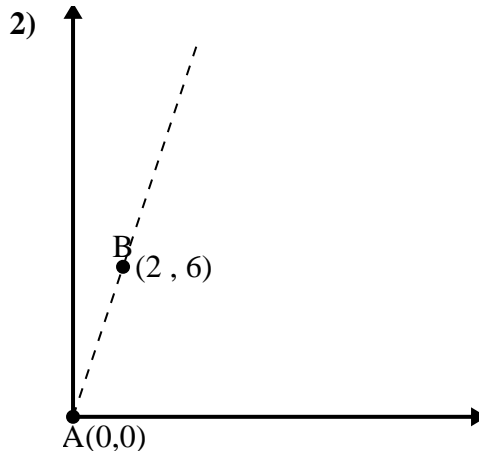
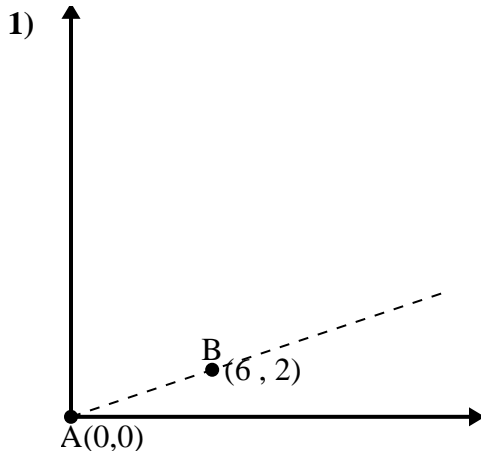




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

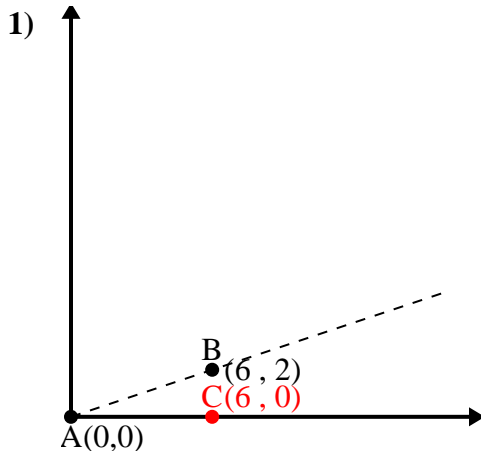


- 1. _____
- 2. _____
- 3. _____
- 4. _____

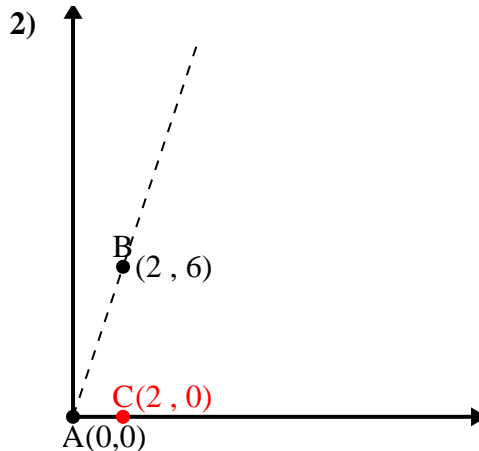


Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

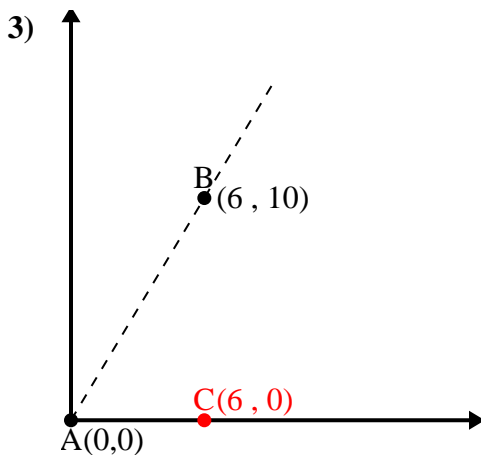
Respuestas



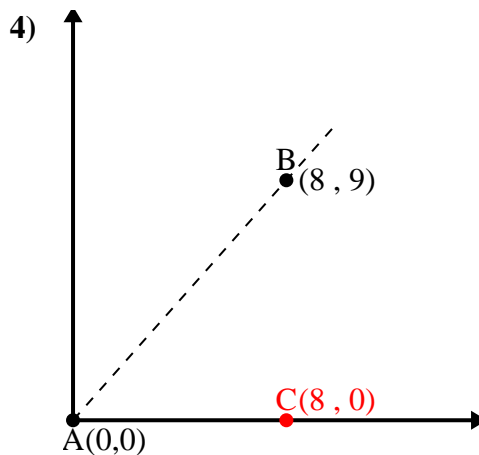
\overline{AB} length = 6.32
 \overline{AC} length = 6
 \overline{BC} length = 2
 $(40 + 36 + 4) \div (2 \times 6.32 \times 6)$
 0.95
 $\cos^{-1}(0.95)$
 18.43°



\overline{AB} length = 6.32
 \overline{AC} length = 2
 \overline{BC} length = 6
 $(40 + 4 + 36) \div (2 \times 6.32 \times 2)$
 0.32
 $\cos^{-1}(0.32)$
 71.57°



\overline{AB} length = 11.66
 \overline{AC} length = 6
 \overline{BC} length = 10
 $(136 + 36 + 100) \div (2 \times 11.66 \times 6)$
 0.51
 $\cos^{-1}(0.51)$
 59.04°



\overline{AB} length = 12.04
 \overline{AC} length = 8
 \overline{BC} length = 9
 $(145 + 64 + 81) \div (2 \times 12.04 \times 8)$
 0.66
 $\cos^{-1}(0.66)$
 48.37°

1. 18.43°
2. 71.57°
3. 59.04°
4. 48.37°