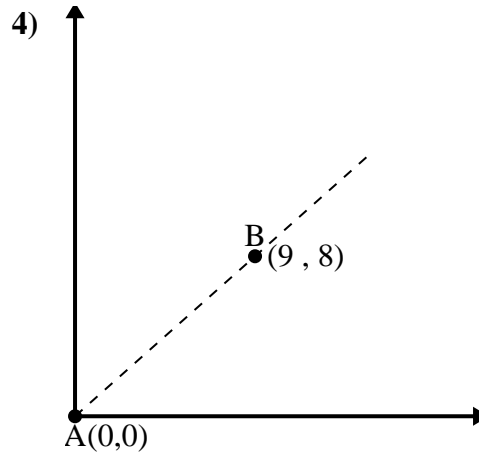
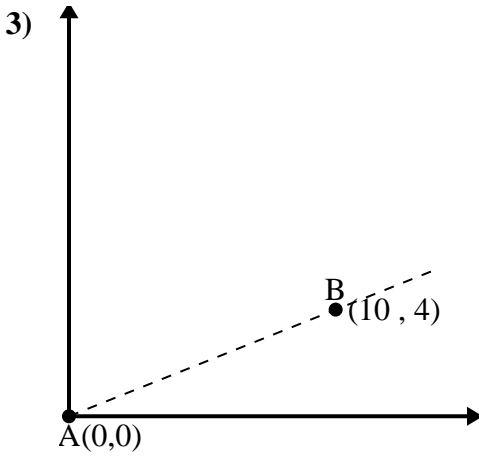
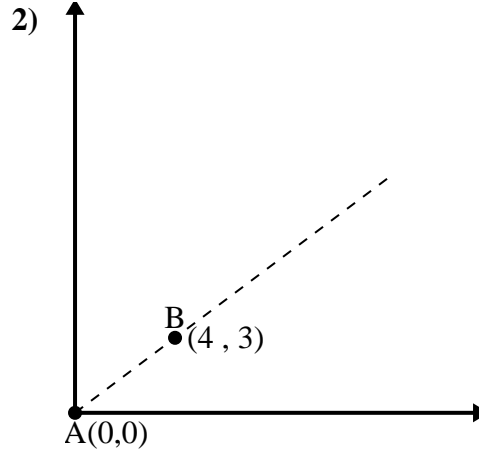
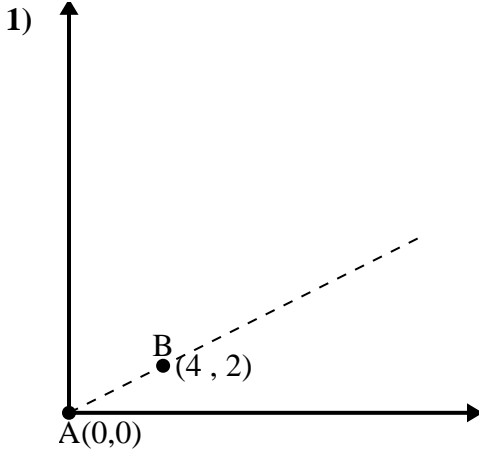




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

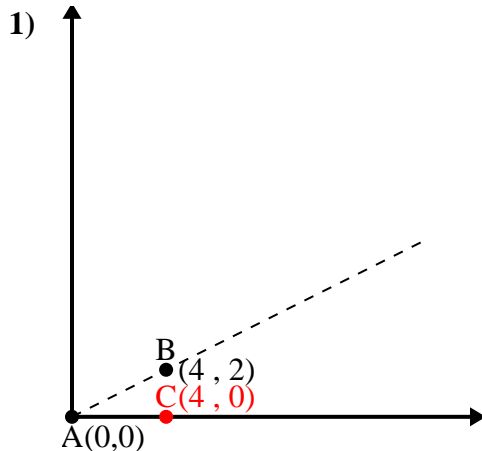


- 1. _____
- 2. _____
- 3. _____
- 4. _____



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

Respuestas



\overline{AB} length = 4.47

\overline{AC} length = 4

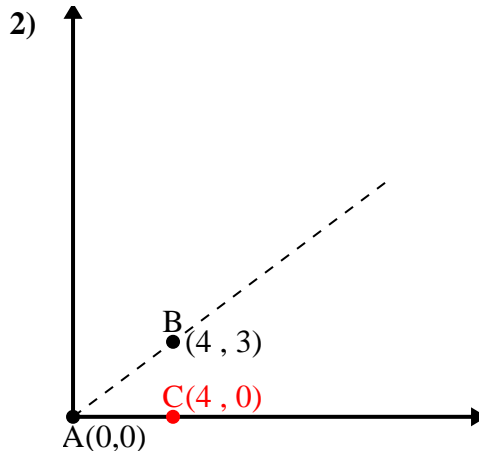
\overline{BC} length = 2

$(20 + 16 + 4) \div (2 \times 4.47 \times 4)$

0.89

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

26.57°



\overline{AB} length = 5

\overline{AC} length = 4

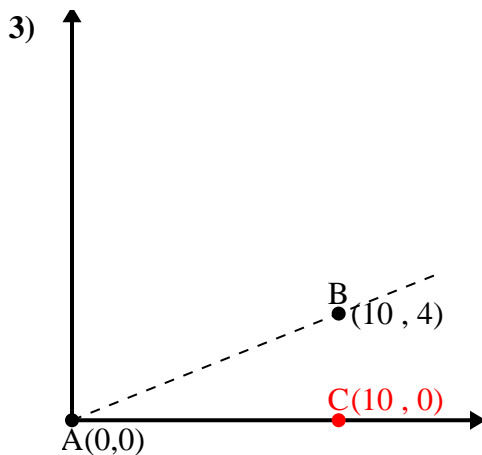
\overline{BC} length = 3

$(25 + 16 + 9) \div (2 \times 5 \times 4)$

0.8

$\cos^{-1}(0.8)$

36.87°



\overline{AB} length = 10.77

\overline{AC} length = 10

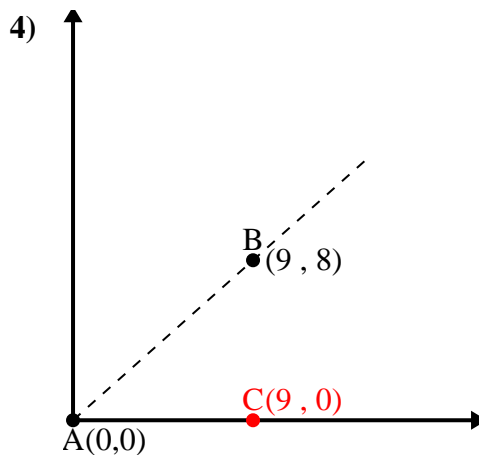
\overline{BC} length = 4

$(116 + 100 + 16) \div (2 \times 10.77 \times 10)$

0.93

$\cos^{-1}(0.93)$

21.8°



\overline{AB} length = 12.04

\overline{AC} length = 9

\overline{BC} length = 8

$(145 + 81 + 64) \div (2 \times 12.04 \times 9)$

0.75

$\cos^{-1}(0.75)$

41.63°

1. 26.57°

2. 36.87°

3. 21.8°

4. 41.63°