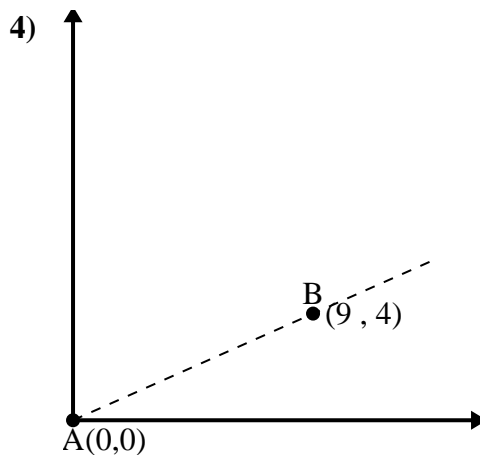
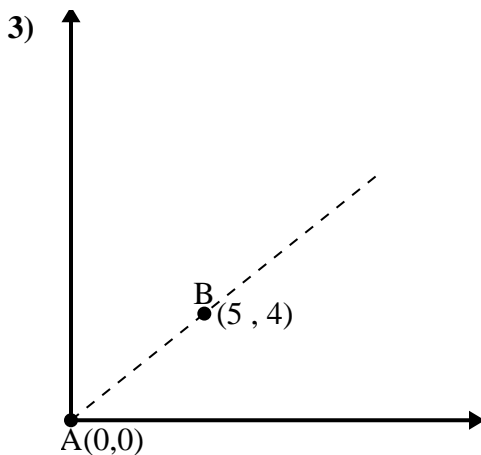
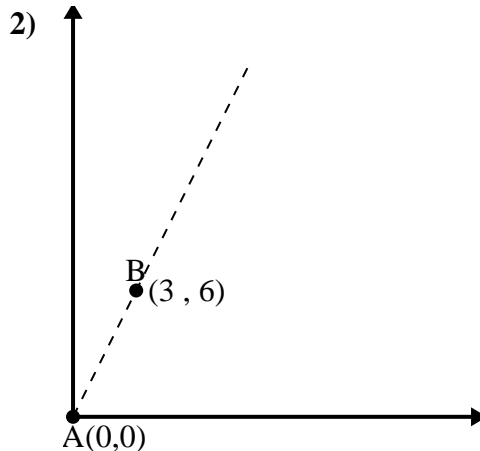
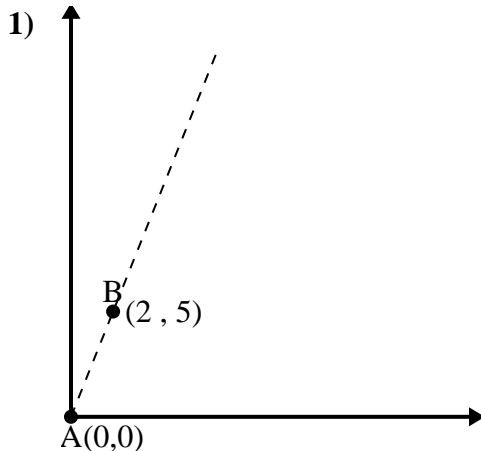




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

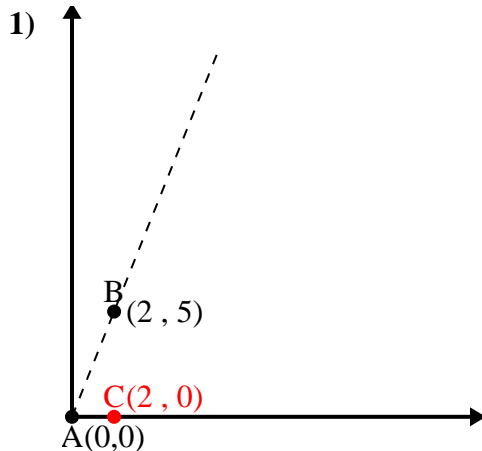


- 1. _____
- 2. _____
- 3. _____
- 4. _____



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

Respuestas



\overline{AB} length = 5.39

\overline{AC} length = 2

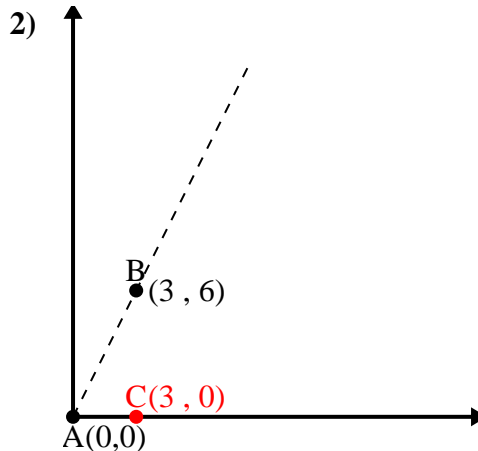
\overline{BC} length = 5

$(29 + 4 + 25) \div (2 \times 5.39 \times 2)$

0.37

$\cos^{-1}(0.37)$

68.2°



\overline{AB} length = 6.71

\overline{AC} length = 3

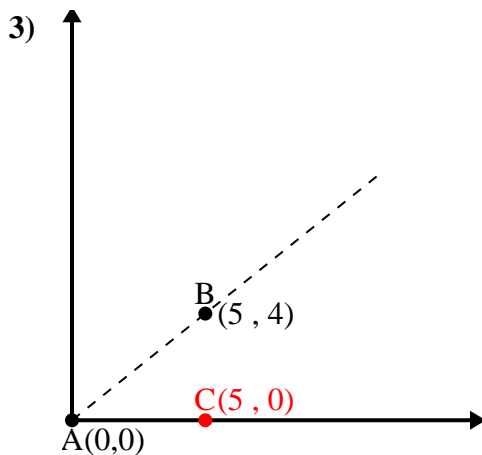
\overline{BC} length = 6

$(45 + 9 + 36) \div (2 \times 6.71 \times 3)$

0.45

$\cos^{-1}(0.45)$

63.43°



\overline{AB} length = 6.4

\overline{AC} length = 5

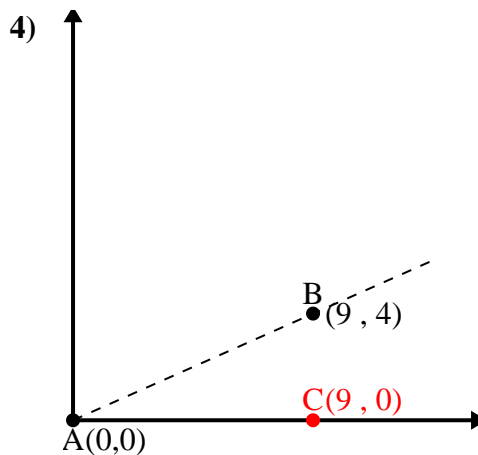
\overline{BC} length = 4

$(41 + 25 + 16) \div (2 \times 6.4 \times 5)$

0.78

$\cos^{-1}(0.78)$

38.66°



\overline{AB} length = 9.85

\overline{AC} length = 9

\overline{BC} length = 4

$(97 + 81 + 16) \div (2 \times 9.85 \times 9)$

0.91

$\cos^{-1}(0.91)$

23.96°

1. 68.2°

2. 63.43°

3. 38.66°

4. 23.96°