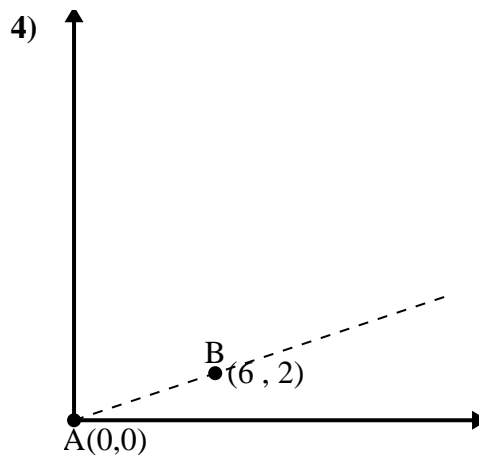
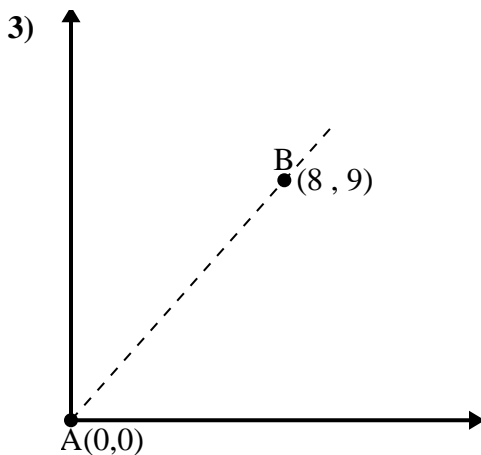
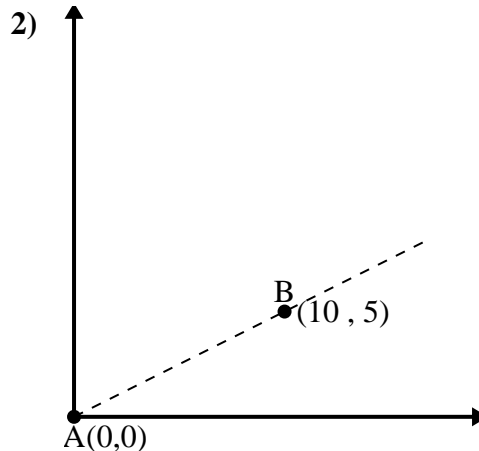
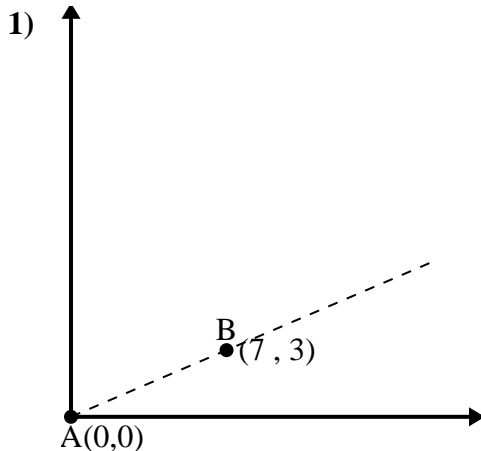




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

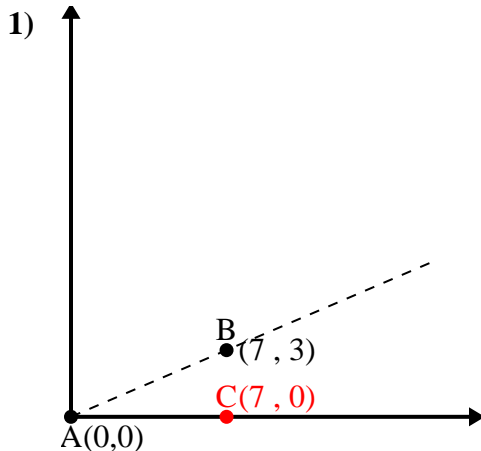


1. _____
2. _____
3. _____
4. _____



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

Respuestas



\overline{AB} length = 7.62

\overline{AC} length = 7

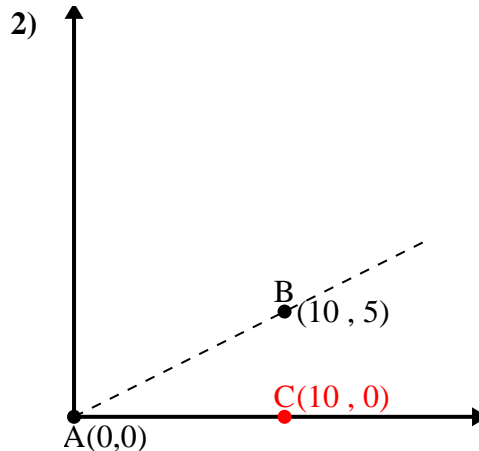
\overline{BC} length = 3

$(58 + 49 + 9) \div (2 \times 7.62 \times 7)$

0.92

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

23.2°



\overline{AB} length = 11.18

\overline{AC} length = 10

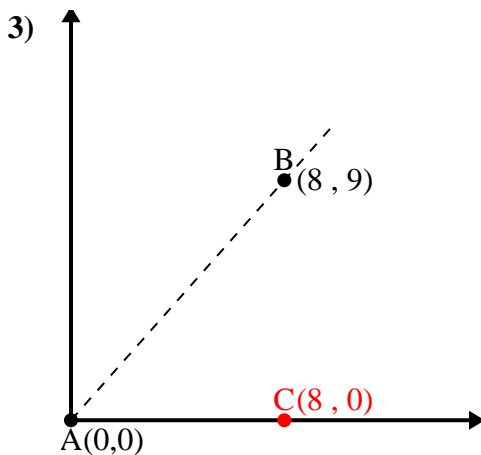
\overline{BC} length = 5

$(125 + 100 + 25) \div (2 \times 11.18 \times 10)$

0.89

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

26.57°



\overline{AB} length = 12.04

\overline{AC} length = 8

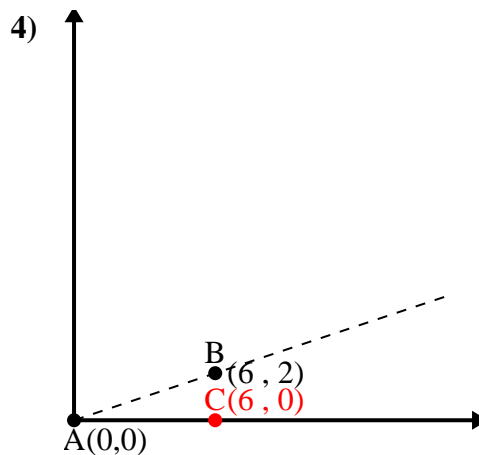
\overline{BC} length = 9

$(145 + 64 + 81) \div (2 \times 12.04 \times 8)$

0.66

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

48.37°



\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°

1. 23.2°

2. 26.57°

3. 48.37°

4. 18.43°