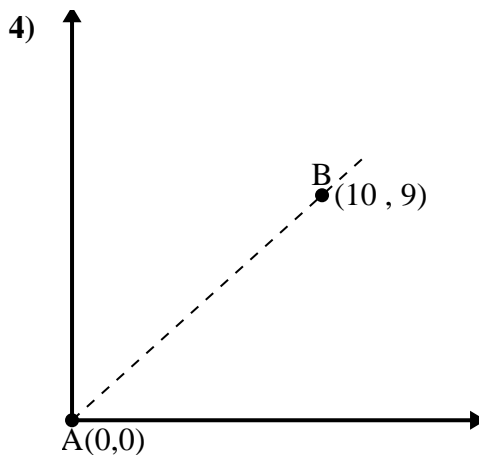
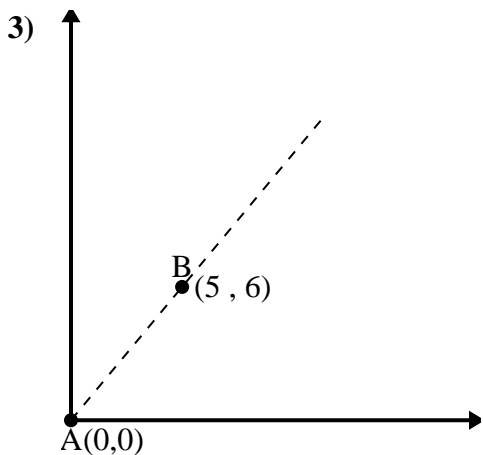
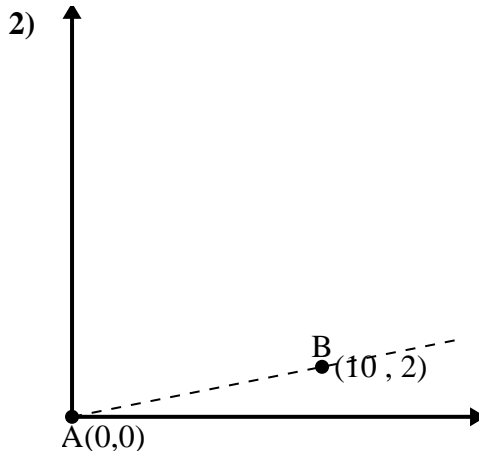
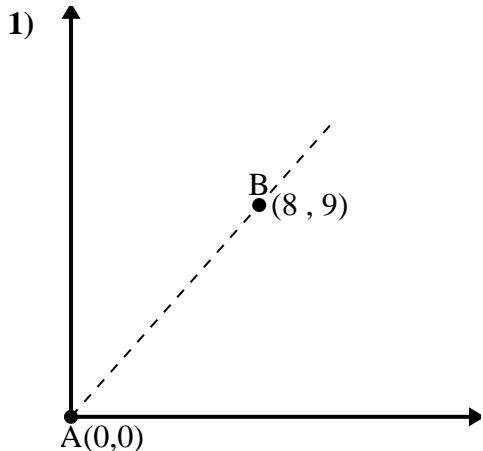




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

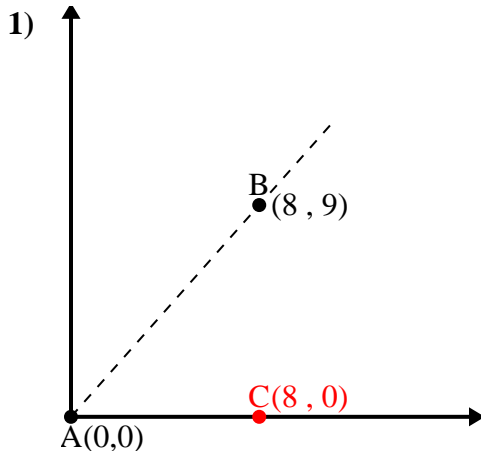


- 1. _____
- 2. _____
- 3. _____
- 4. _____



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

Respuestas



\overline{AB} length = 12.04

\overline{AC} length = 8

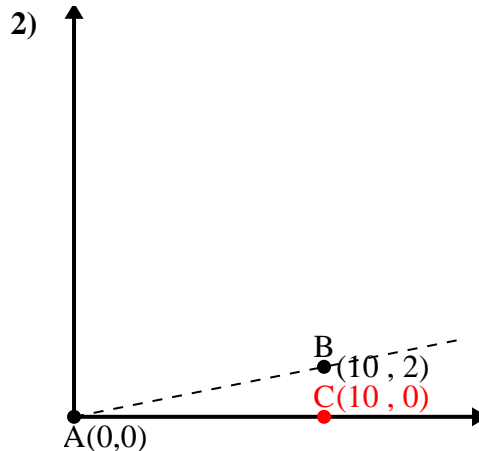
\overline{BC} length = 9

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

0.66

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

48.37°



\overline{AB} length = 10.2

\overline{AC} length = 10

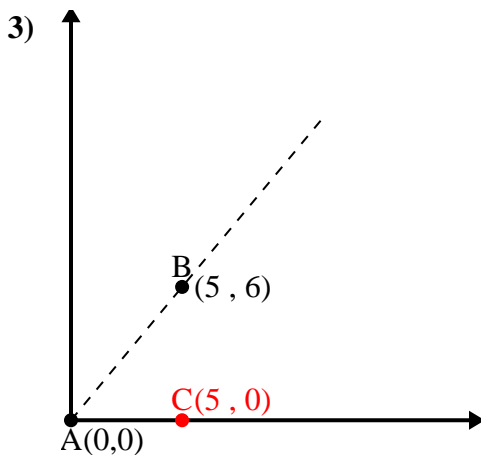
\overline{BC} length = 2

$(104 + 100 + 4) \div (2 \times 10.2 \times 10)$

0.98

$\cos^{-1}(0.98)$

11.31°



\overline{AB} length = 7.81

\overline{AC} length = 5

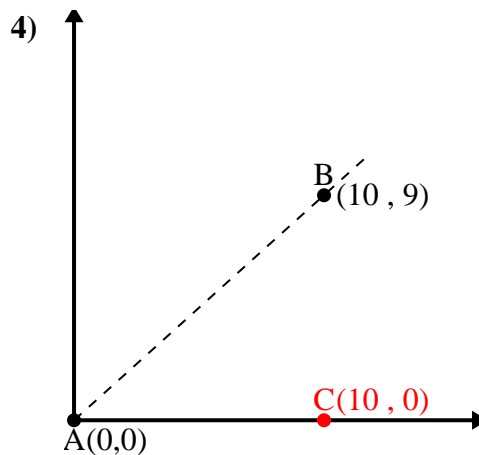
\overline{BC} length = 6

$(61 + 25 + 36) \div (2 \times 7.81 \times 5)$

0.64

$\cos^{-1}(0.64)$

50.19°



\overline{AB} length = 13.45

\overline{AC} length = 10

\overline{BC} length = 9

$(181 + 100 + 81) \div (2 \times 13.45 \times 10)$

0.74

$\cos^{-1}(0.74)$

41.99°

1. 48.37°
2. 11.31°
3. 50.19°
4. 41.99°