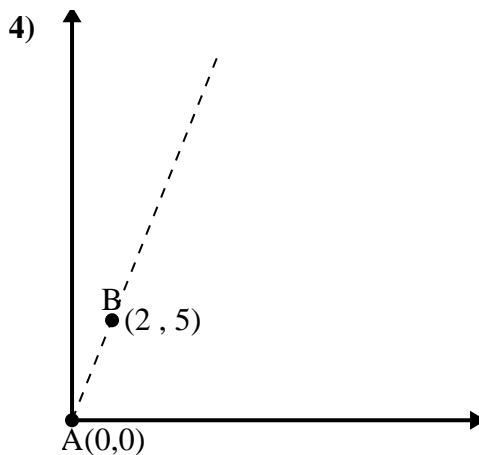
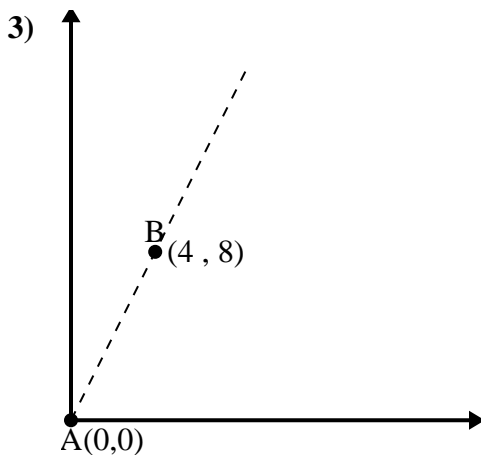
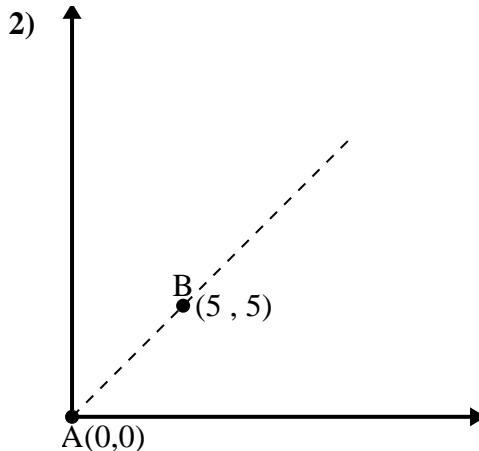
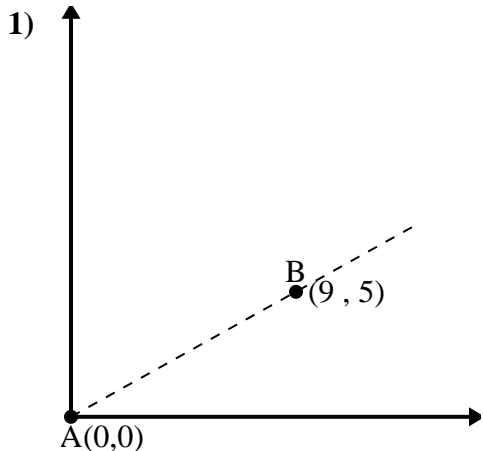




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

Respuestas

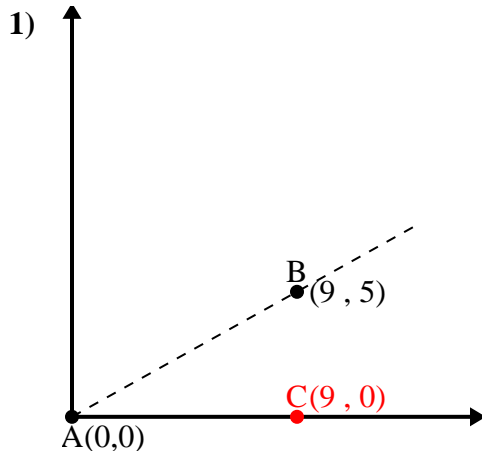


- 1. _____
- 2. _____
- 3. _____
- 4. _____

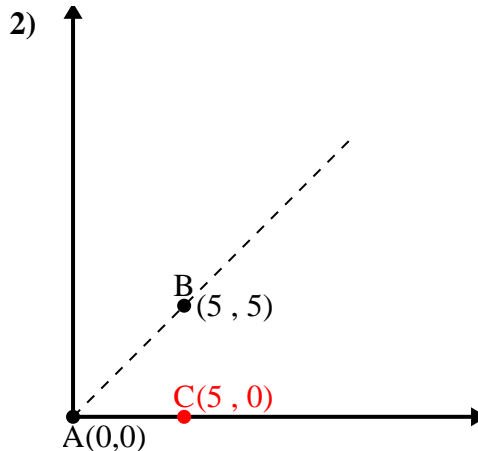


Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

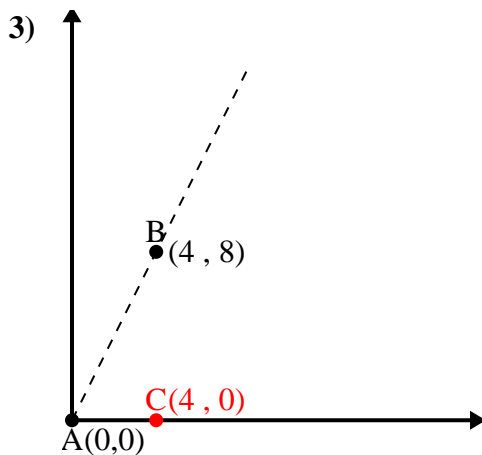
Respuestas



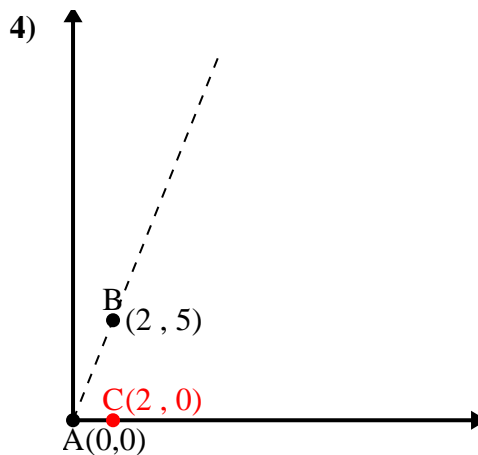
\overline{AB} length = 10.3
 \overline{AC} length = 9
 \overline{BC} length = 5
 $(106 + 81 + 25) \div (2 \times 10.3 \times 9)$
 0.87
 $\cos^{-1}(0.87)$
 29.05°



\overline{AB} length = 7.07
 \overline{AC} length = 5
 \overline{BC} length = 5
 $(50 + 25 + 25) \div (2 \times 7.07 \times 5)$
 0.71
 $\cos^{-1}(0.71)$
 45°



\overline{AB} length = 8.94
 \overline{AC} length = 4
 \overline{BC} length = 8
 $(80 + 16 + 64) \div (2 \times 8.94 \times 4)$
 0.45
 $\cos^{-1}(0.45)$
 63.43°



\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°

1. 29.05°
2. 45°
3. 63.43°
4. 68.2°