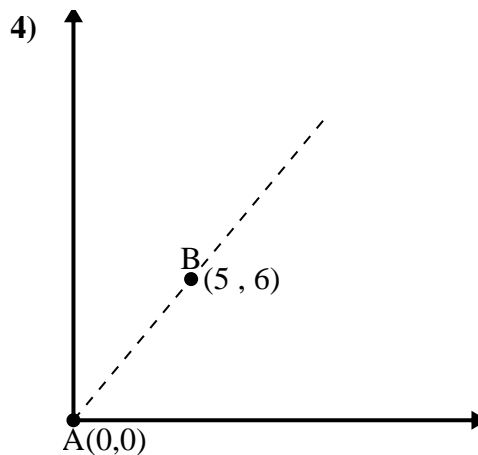
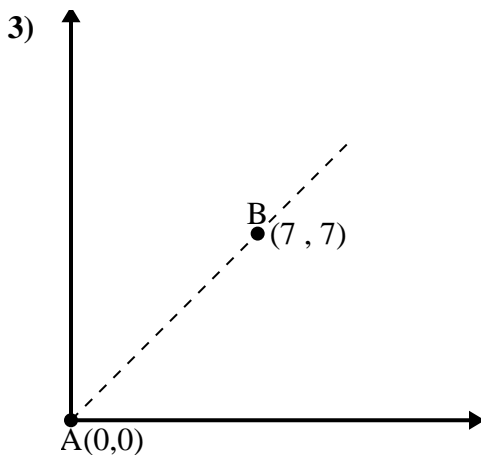
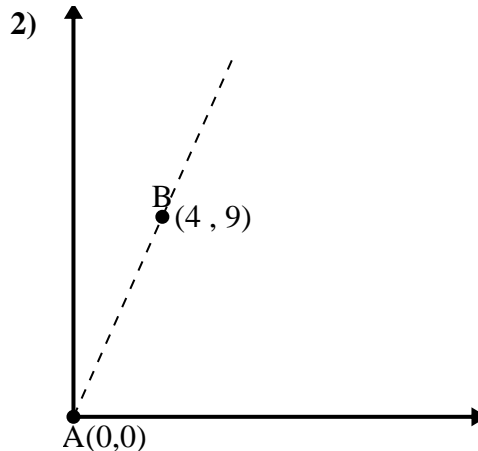
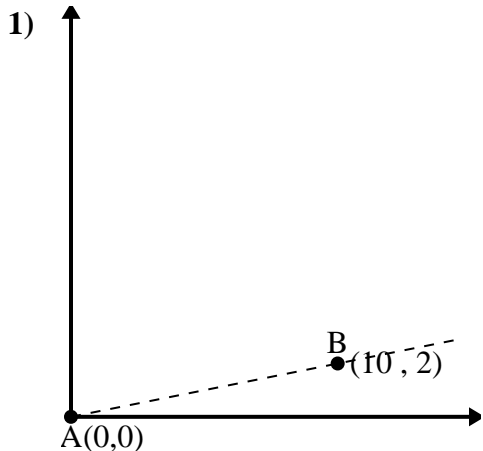




Utilice la ley de los cosenos para encontrar el ángulo del punto B con respecto al punto A.

**Respuestas**

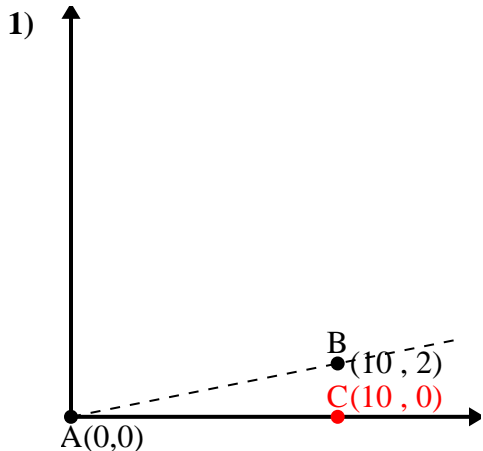


- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_



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

**Respuestas**



$\overline{AB}$  length = 10.2

$\overline{AC}$  length = 10

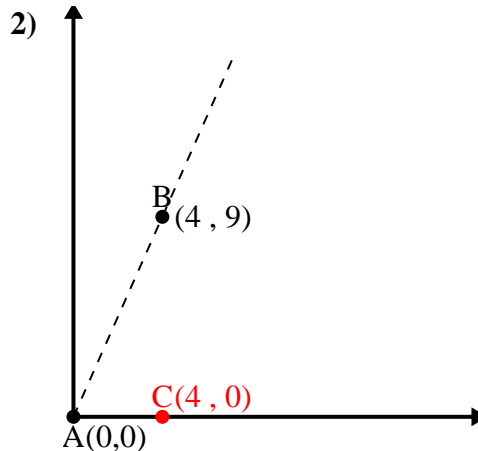
$\overline{BC}$  length = 2

$(10^2 + 10^2 + 4) \div (2 \times 10.2 \times 10)$

0.98

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

11.31°



$\overline{AB}$  length = 9.85

$\overline{AC}$  length = 4

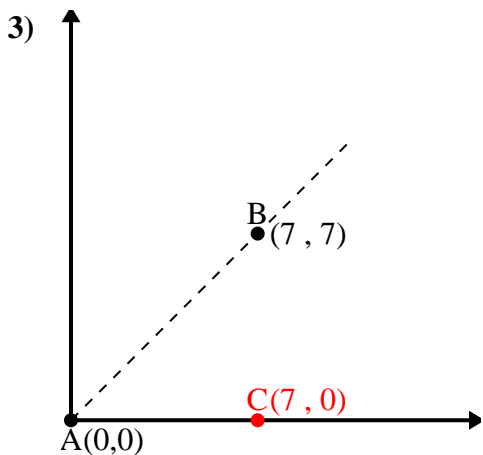
$\overline{BC}$  length = 9

$(9^2 + 16 + 81) \div (2 \times 9.85 \times 4)$

0.41

$\cos^{-1}(0.41)$

66.04°



$\overline{AB}$  length = 9.9

$\overline{AC}$  length = 7

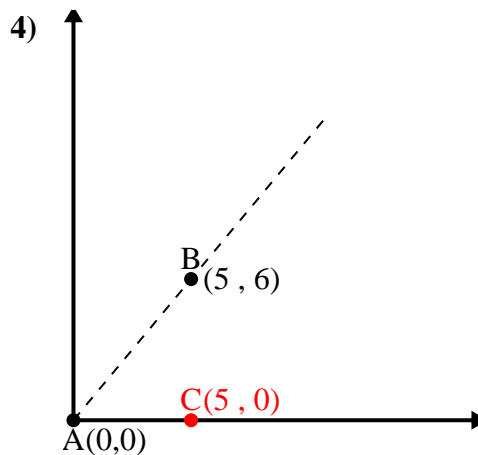
$\overline{BC}$  length = 7

$(9^2 + 49 + 49) \div (2 \times 9.9 \times 7)$

0.71

$\cos^{-1}(0.71)$

45°



$\overline{AB}$  length = 7.81

$\overline{AC}$  length = 5

$\overline{BC}$  length = 6

$(6^2 + 25 + 36) \div (2 \times 7.81 \times 5)$

0.64

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

50.19°

1. 11.31°

2. 66.04°

3. 45°

4. 50.19°