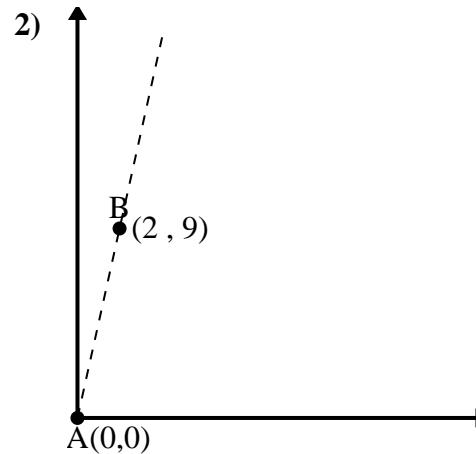
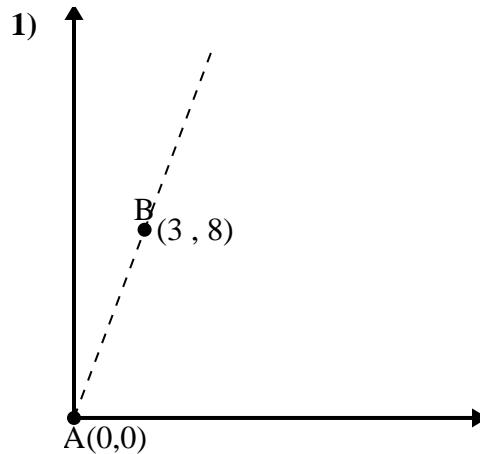


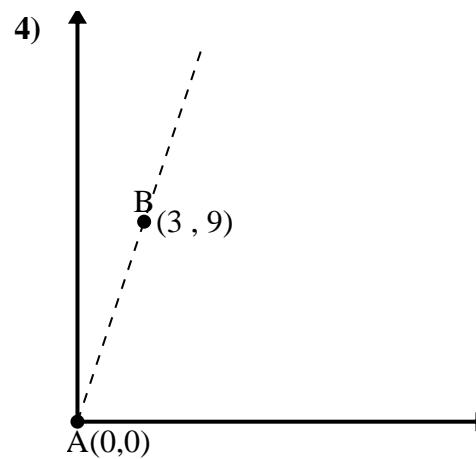
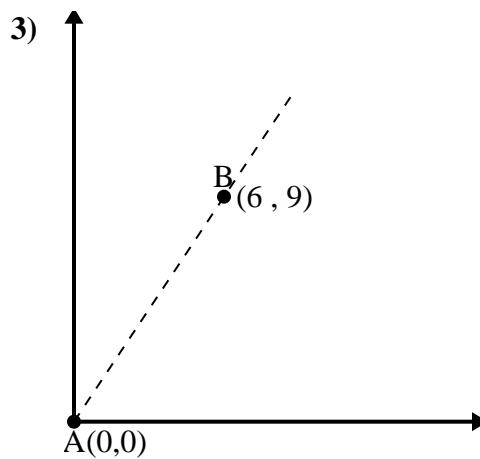
Application de la loi des cosinus

Nom:

Utilisez la loi des cosinus pour trouver l'angle du point B par rapport au point A.

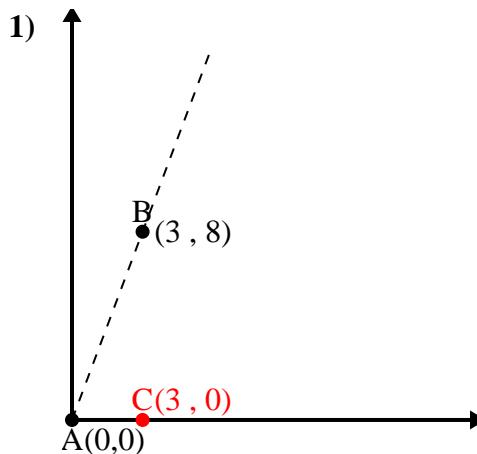
Réponses

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





Utilisez la loi des cosinus pour trouver l'angle du point B par rapport au point A.

Réponses

$$\overline{AB} \text{ length} = 8.54$$

$$\overline{AC} \text{ length} = 3$$

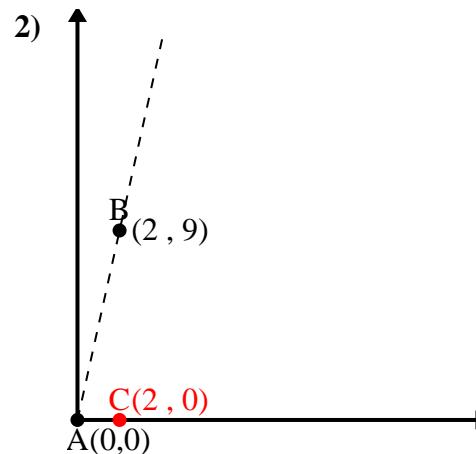
$$\overline{BC} \text{ length} = 8$$

$$(73 + 9 + 64) \div (2 \times 8.54 \times 3)$$

$$0.35$$

$$\cos^{-1}(0.35)$$

$$69.44^\circ$$



$$\overline{AB} \text{ length} = 9.22$$

$$\overline{AC} \text{ length} = 2$$

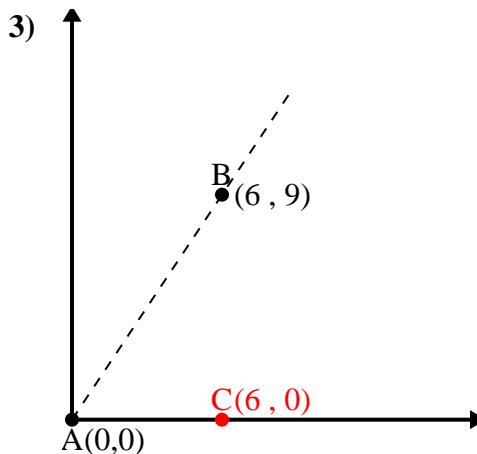
$$\overline{BC} \text{ length} = 9$$

$$(85 + 4 + 81) \div (2 \times 9.22 \times 2)$$

$$0.22$$

$$\cos^{-1}(0.22)$$

$$77.47^\circ$$



$$\overline{AB} \text{ length} = 10.82$$

$$\overline{AC} \text{ length} = 6$$

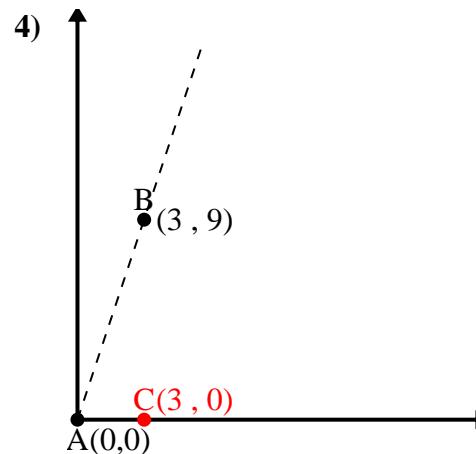
$$\overline{BC} \text{ length} = 9$$

$$(117 + 36 + 81) \div (2 \times 10.82 \times 6)$$

$$0.55$$

$$\cos^{-1}(0.55)$$

$$56.31^\circ$$



$$\overline{AB} \text{ length} = 9.49$$

$$\overline{AC} \text{ length} = 3$$

$$\overline{BC} \text{ length} = 9$$

$$(90 + 9 + 81) \div (2 \times 9.49 \times 3)$$

$$0.32$$

$$\cos^{-1}(0.32)$$

$$71.57^\circ$$

1. **69,44°**2. **77,47°**3. **56,31°**4. **71,57°**