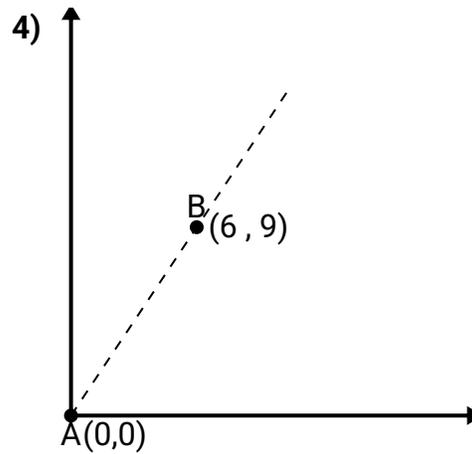
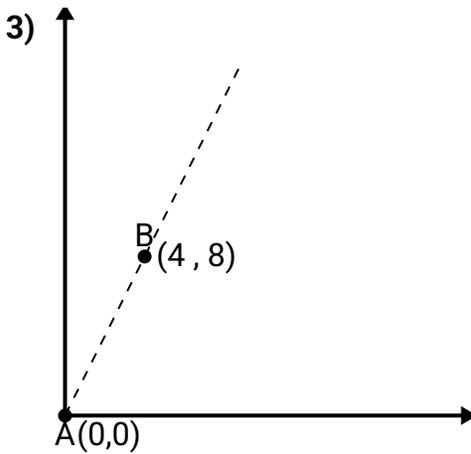
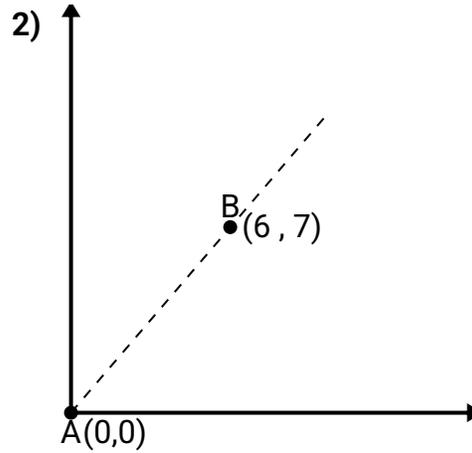
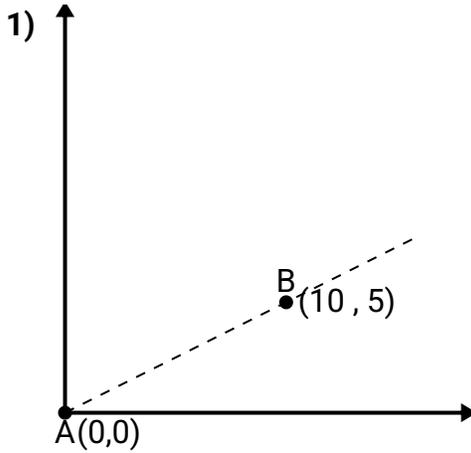




Use the law of Cosines to find the point B's angle relative to point A.

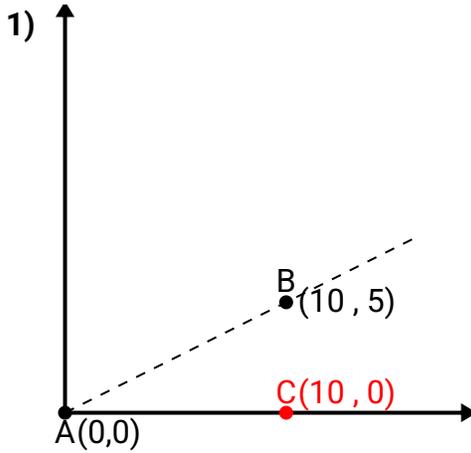
Answers



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



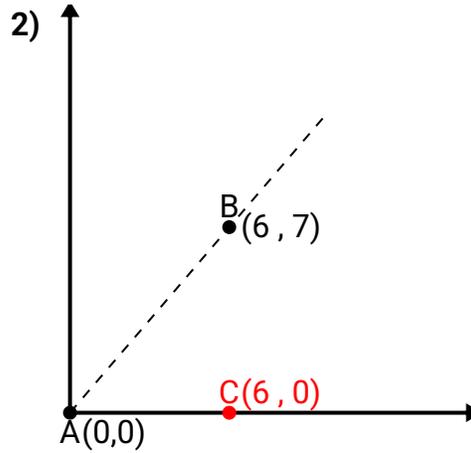
Use the law of Cosines to find the point B's angle relative to point A.



$$\overline{AB} \text{ length} = 11.18$$

$$\overline{AC} \text{ length} = 10$$

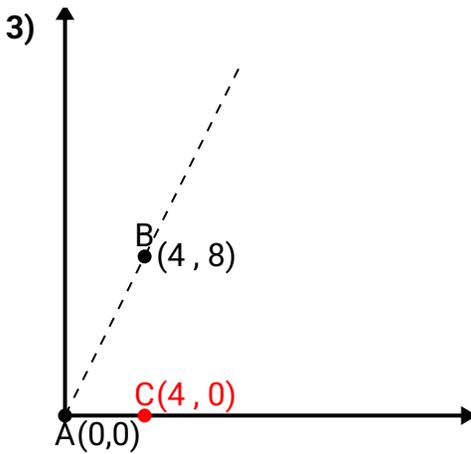
$$\overline{BC} \text{ length} = 5$$



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

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

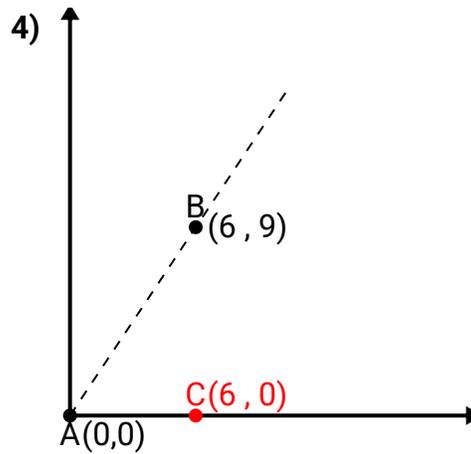
$$\overline{BC} \text{ length} = 7$$



$$\overline{AB} \text{ length} = 8.94$$

$$\overline{AC} \text{ length} = 4$$

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



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

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

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

Answers

1. 26.57

2. 49.4

3. 63.43

4. 56.31