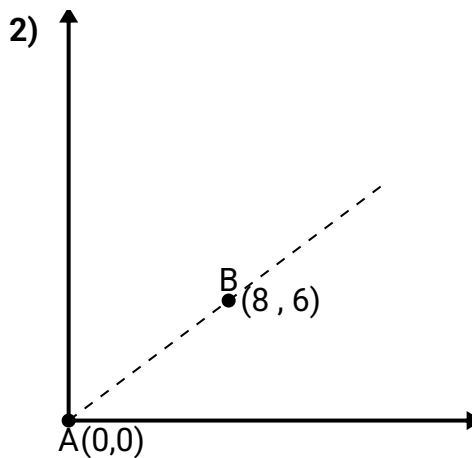
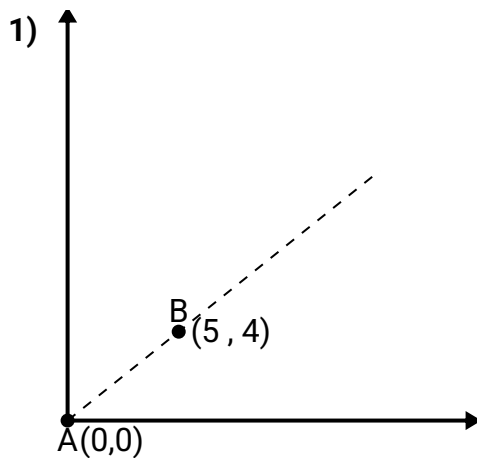




Use the law of Cosines to find the point B's angle relative to point A.

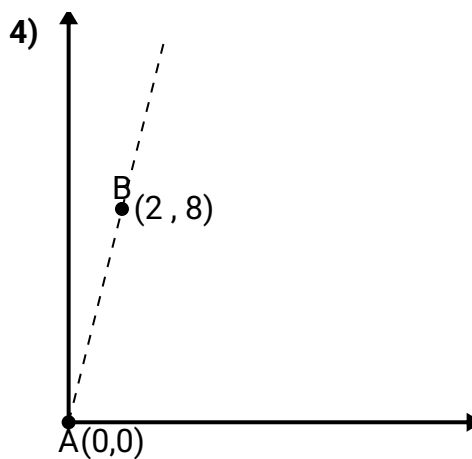
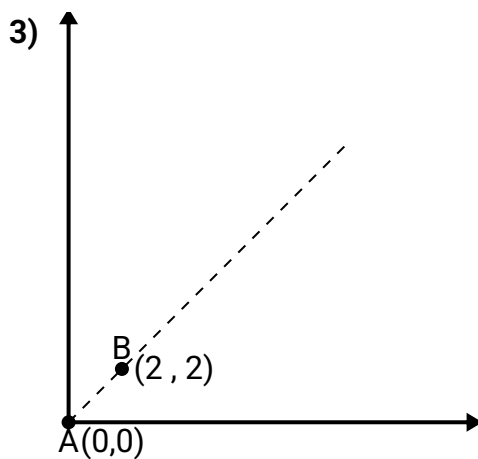
Answers

1. _____

2. _____

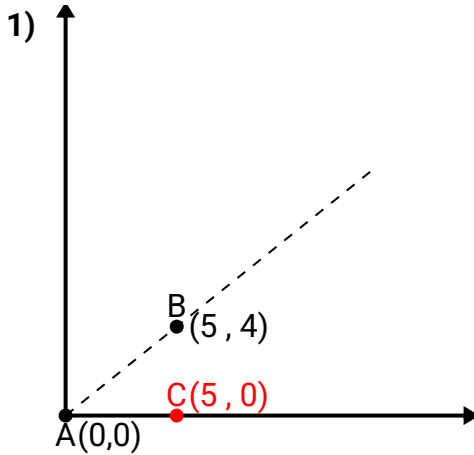
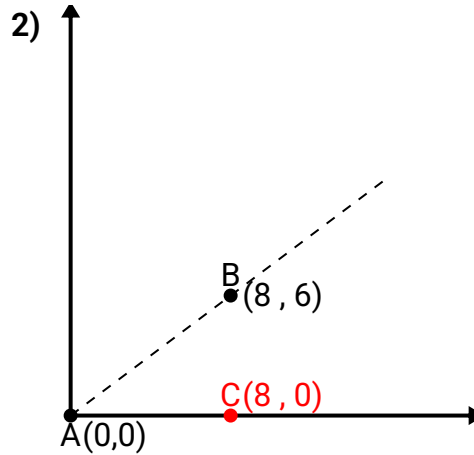
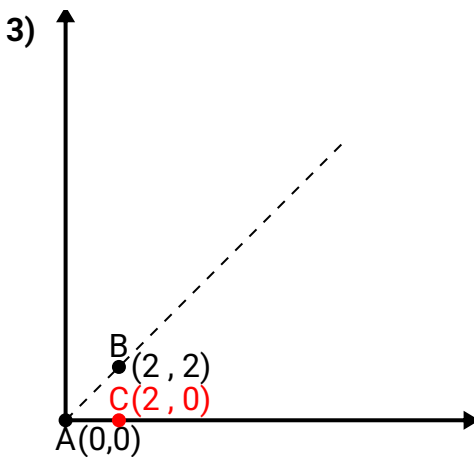
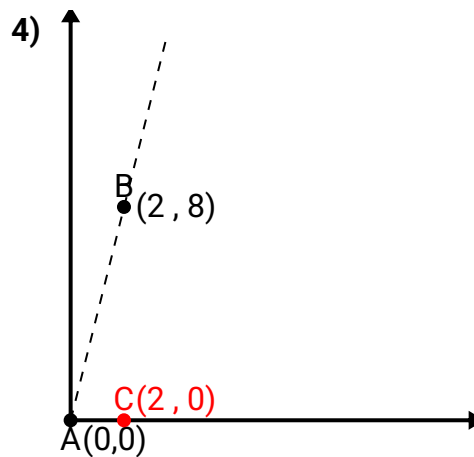
3. _____

4. _____





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

Answers $\overline{AB}$ length = 6.4 $\overline{AC}$ length = 5 $\overline{BC}$ length = 4 $\overline{AB}$ length = 10 $\overline{AC}$ length = 8 $\overline{BC}$ length = 6 $\overline{AB}$ length = 2.83 $\overline{AC}$ length = 2 $\overline{BC}$ length = 2 $\overline{AB}$ length = 8.25 $\overline{AC}$ length = 2 $\overline{BC}$ length = 8

1. **38.66**
2. **36.87**
3. **45**
4. **75.96**