

**SHOW ALL WORK.**

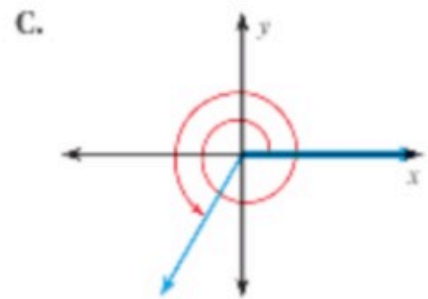
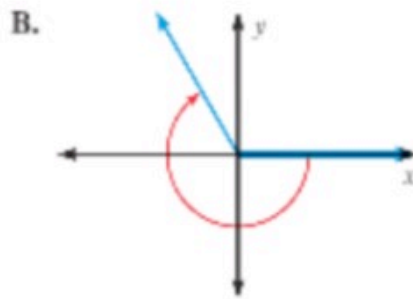
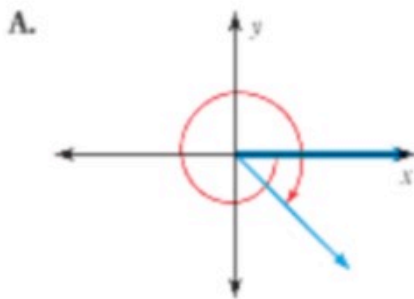
1. How does the sign of an angle's measure (positive or negative) determine its direction of rotation?

**Match the angle measure with the angle.**

2.  $-240$

3.  $600$

4.  $-405$



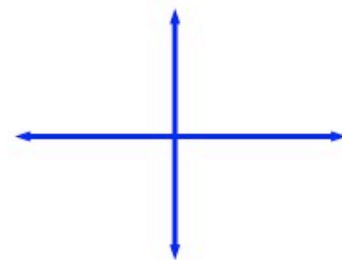
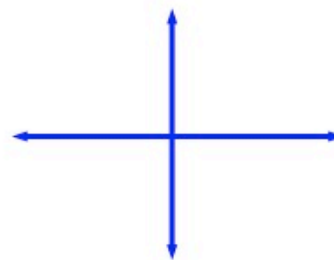
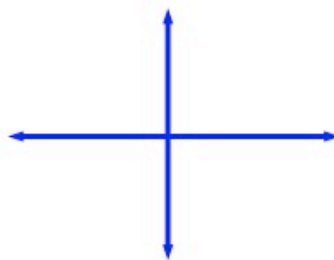
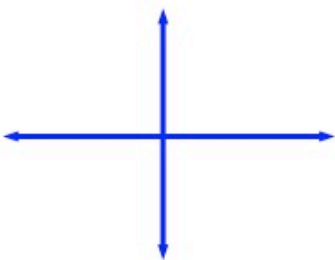
**Draw the angle with the given measure in standard position.**

5.  $110$

6.  $-10$

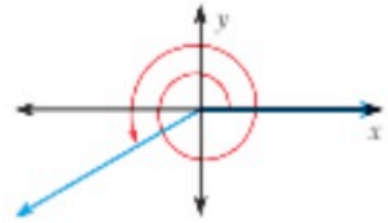
7.  $450$

8.  $-900$



9. Which angle is shown in the diagram? (*Multiple Choice*)

- a) -150      b) 210      c) 570      d) 930



Find one positive angle and one negative angle that are coterminal with the given angle.

10. 70

11. 255

12. -125

13. 820

### Unit 6.3 Homework Answers

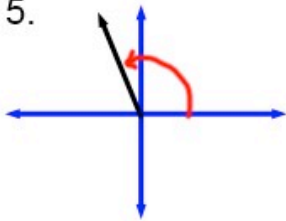
1. Positive angles rotate counter-clockwise, negative angles rotate clockwise.

2. B

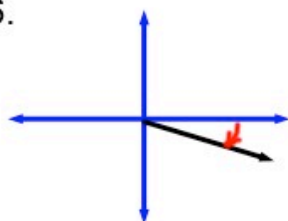
3. C

4. A

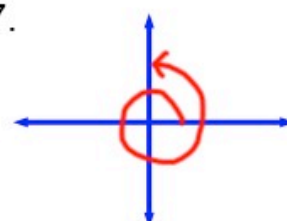
5.



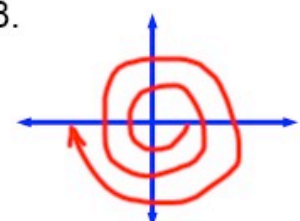
6.



7.



8.



9. C

10. 430, -290

11. 615, -105

12. 235, -485

13. 460, -260