

8.1

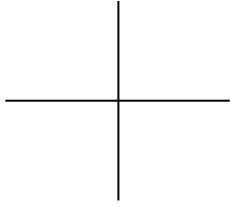
Name _____ Date _____ Period _____

SCORE: /

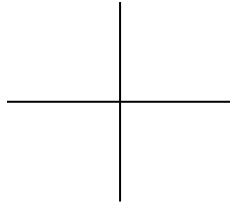
Angle Measurements (Degrees)

Part A: Sketch each angle in standard position.

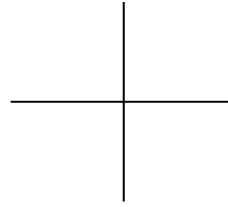
1. 45°



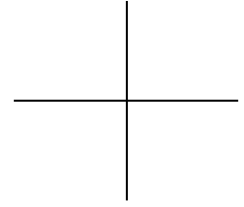
2. -45°



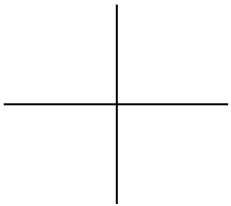
3. 100°



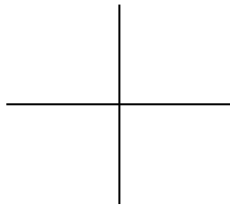
4. 180°



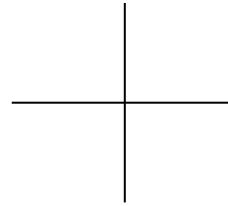
5. -200°



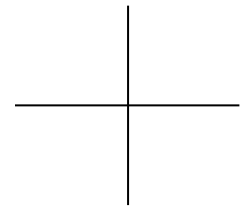
6. 270°



7. 360°



8. -400°



Part B: For each angle in part A, determine the reference angle. **Write your answer below, AND sketch the reference angle in Part A.**

1.

2.

3.

4.

5.

6.

7.

8.

Determine a **positive and negative** coterminal angle.

9. 210°

10. -120°

11. 45°

Determine which quadrant each of the following angles terminate.

12. 15°

13. -15°

14. 135°

15. 390°

16. -100°

17. -460°

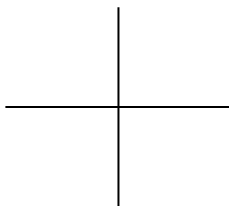
18. 710°

19. 310°

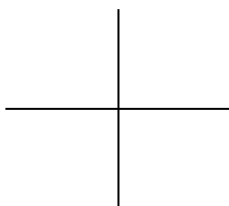
20. 245°

Part C: Sketch each angle in standard position.

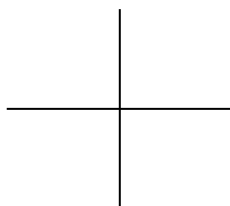
21. 720°



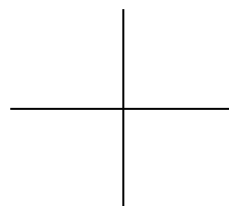
22. -120°



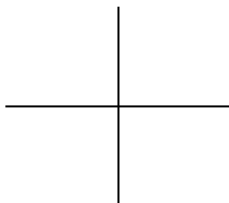
23. 135°



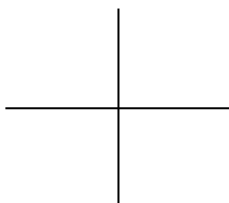
24. -330°



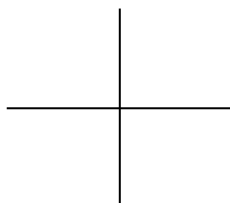
25. -210°



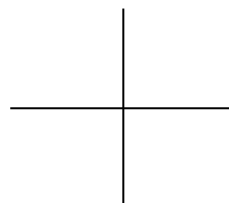
26. 240°



27. 315°



28. 225°



Part D: For each angle in part A, determine the reference angle. **Write your answer below, AND sketch the reference angle in Part C.**

21.

22.

23.

24.

25.

26.

27.

28.

Determine a **positive and negative** coterminal angle.

29. -330°

30. 390°

31. -60°

Determine which quadrant each of the following angles terminate.

32. -245°

33. -95°

34. 125°

35. 30°

36. -45°

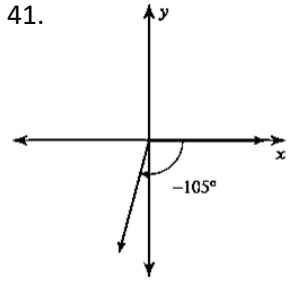
37. 580°

38. -190°

39. 200°

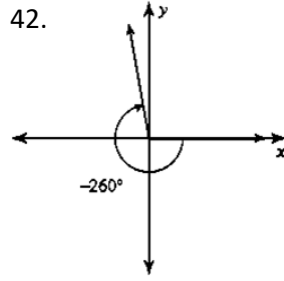
40. 620°

Determine the reference angle and at least one coterminal angle for each angle drawn below.



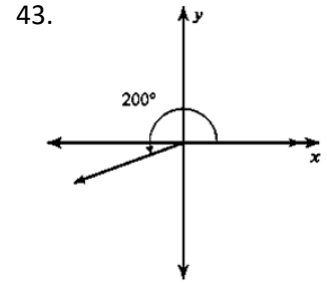
Reference Angle: _____

Coterminal Angle: _____



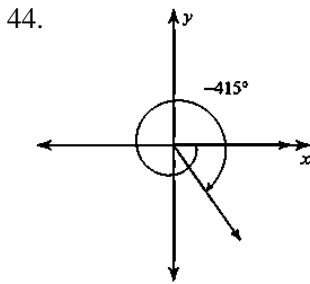
Reference Angle: _____

Coterminal Angle: _____



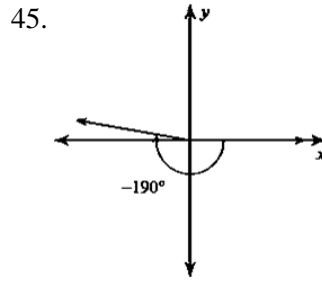
Reference Angle: _____

Coterminal Angle: _____



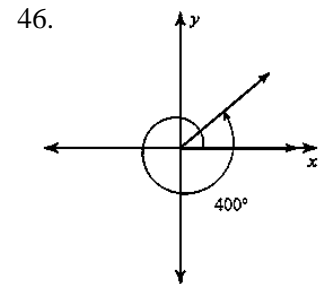
Reference Angle: _____

Coterminal Angle: _____



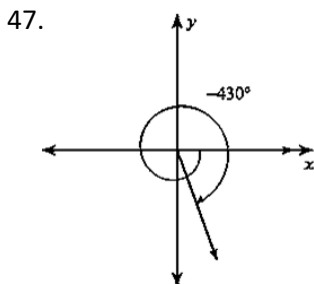
Reference Angle: _____

Coterminal Angle: _____



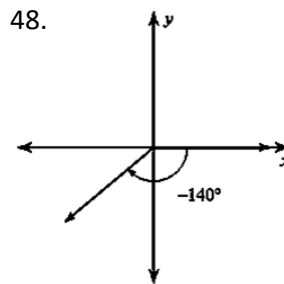
Reference Angle: _____

Coterminal Angle: _____



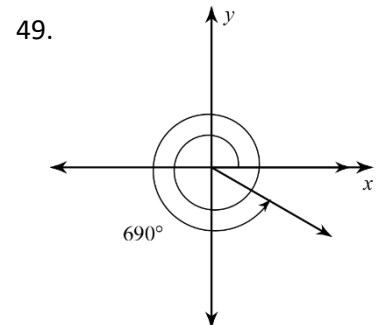
Reference Angle: _____

Coterminal Angle: _____



Reference Angle: _____

Coterminal Angle: _____



Reference Angle: _____

Coterminal Angle: _____