Algebra II Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Trigonometry Supplement I

Convert each from radians to degrees without using a calculator.

1. π/3 2. π/4 3. π/6 4. π/2 5. 3π/4

6. -5π/6 7. 5π/2 8. 2π/3 9. -3π/2 10. 7π/6

Convert each angle from degrees to radians without using a calculator:

11. 210º 12. 180 º 13. 45 º 14. 330 º 15. -315 º

16. 300 º 17. -240 º 18. 270 º 19. 150 º 20. 0 º

Determine the quadrant into which each angle falls. Sketch the angle in standard position.

21. 7π/8 22. 2π/3 23. - 7π/6 24. 11π/6 25. -92º

Find two coterminal angles for each (one positive and one negative):

1. -211º 27. 3π/8 28. -5º 29. 5π/7 30. π/2