

Name \_\_\_\_\_  
Mr. Schlansky

Date \_\_\_\_\_  
Algebra II

## *Degrees/ Radians Conversions*

Convert the following from degrees to radians. Leave your answers in terms of  $\pi$ .

1.  $90^\circ$

2.  $30^\circ$

3.  $60^\circ$

4.  $135^\circ$

5.  $150^\circ$

6.  $330^\circ$

7.  $225^\circ$

8.  $330^\circ$

9.  $450^\circ$

10.  $-120^\circ$

11.  $45^\circ$

12.  $-300^\circ$

13.  $67.5^\circ$

14.  $337.5^\circ$

15.  $-420^\circ$

**Convert the following from radians to degrees. Round to the nearest thousandth if necessary**

16.  $\frac{\pi}{4}$  radians

17.  $\frac{3\pi}{2}$  radians

18.  $\frac{12\pi}{4}$  radians

19.  $\frac{6\pi}{5}$  radians

20.  $\frac{2\pi}{5}$  radians

21.  $\frac{4\pi}{3}$  radians

22.  $\frac{3\pi}{8}$  radians

23.  $\frac{\pi}{10}$  radians

24.  $\frac{5\pi}{8}$  radians

25. 4 radians

26. 3 radians

27. 1.5 radians

28. 2.75 radians

29. 3.6 radians

30. 5 radians

31. 5.25 radians

32. 4.8 radians

33. 2.1 radians