

## Homework #11

Date \_\_\_\_\_ Period \_\_\_\_\_

**Convert each degree measure into radians and each radian measure into degrees.**

1)  $140^\circ$

2)  $210^\circ$

3)  $\frac{35\pi}{36}$

4)  $\frac{4\pi}{3}$

5)  $\frac{\pi}{3}$

6)  $255^\circ$

7)  $\frac{3\pi}{4}$

8)  $\frac{7\pi}{18}$

9)  $\frac{2\pi}{3}$

10)  $200^\circ$

11)  $\frac{11\pi}{18}$

12)  $165^\circ$

13)  $\frac{19\pi}{12}$

14)  $\frac{7\pi}{4}$

15)  $\frac{11\pi}{36}$

16)  $\frac{13\pi}{18}$

17)  $\frac{16\pi}{9}$

18)  $135^\circ$

19)  $30^\circ$

20)  $\frac{10\pi}{9}$