Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Problem Set 5.3***

**1 - 6] Simplify each expression.**

1)  2) 

3)  4) 

5)  6) 

7) $p^{^{2}/\_{3}}∙p^{^{5}/\_{2}}$ 8) $\frac{r^{^{1}/\_{2}}}{r^{^{6}/\_{7}}}$

**9 - 14] Evaluate the following expressions. You may leave your answers as simplified radicals or simplified rational expressions if they cannot be simplified any further.**

9)  10) 

11)  12) 

13)  14) 