**Simplifying Radicals**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_

*Simplify the following radical expressions. Assume variables are real numbers greater than or equal to 0.*

1.  2. 

1.  4. 

1.  6. 

1.  8. 

*Find the perimeter and area of the following rectangle.*

9.



