Math 4 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Prerequisite Algebra Skills Practice 1**  Date\_\_\_\_\_\_\_\_

1. **Multiply the following expressions:**

a.) b.)

2. **Simplify the following expressions. *No negative exponents allowed*!**

a.) b.) c.)

3. **Simplify the following rational expressions:**

a.)  b.)  c.) 

4. **Factor the following expressions.**

a. b.

c. d. 

5. Write the equation of the line that has a slope of 4 and passes through the point 

6. Write the equation of the line that passes through the points and 

**Simplify the following so that it is written as **

7.  8.  9.  10.  11. 12.



**Solve the following equations for the given variable.**

13.  14. 

15.  16. 

**Solve using the zero product property.**

17.  18. 

19.  20. 