Algebra II Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Properties of Exponents & Rational Exponents Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour\_\_\_\_

Practice Worksheet

Simplify each expression. Assume all variables are positive. Show your work!!!

1. 2) 3)

4) 5) 6)

7) 8) 9)

Write each expression in exponent form.

10) 11) 12)

13) 14) 15)

16) 17) 18)

Review Properties of Exponents (Notes #1)

Simplify the following. Answers should have only positive exponetns.

19) (2x-3y5)4 20) 21) x4(2x)-3