Name Class Date

***Review Exponent Rules***

1.  **2**.  **3.**  **4.** 

***Review 7-1 through 7-5.***

**Simplify each expression. Assume that all variables are positive. Leave exponents as integers.**

**5.** **6.**

**7.** **8.** 

**9.** 5 **10.**

**11.**  **12.** 

**13.** **14.**  **15.**

**Rationalize all denominators.** **16.** **17.** 

**Simplify each expression.**

**18.** (16*x*8) −0.75 **19.**  **20.**

**Solve each equation.**

**21.** **22.** 2 = 0 **23.**

**Solve each equation. Check for extraneous solutions.**

**24.** **25.** **26.**

**Rewrite in radical form.**

**27. 28.**

**Rewrite in exponential form.**

**29. 30.**