**Algebra II –** *Chapter 7.1-7.4 Review*

**Simplify each radical expression.**

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

**Simplify each expression. Rationalize all denominators. Assume that all variables are positive.**

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

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

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

**Simplify each expression. Assume that all variables are positive.**

**11.**  **12.**  **13.** 3.60

**14.**  **15.**  **17.** 

**18.**  **19.**  **20.** 

**21.**  **22.**  **23.** 

**Write each expression in radical form.**

**24.**  **25.** *a*1.5 **26.** 

**Write each expression in exponential form.**

**27.**  **28.**  **29.** 

**30.**  **31.**  **33.** 