**7-2 Practice**

***Division Properties of Exponents***

**Simplify each expression. Assume that no denominator equals zero.**

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

**4.** **5.** **6.**

**7.**  **8.**  **9.**

**10.** ()() **11.** *p*()() **12.**

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

**16.**  **17.**  **18.**

**19.**  **20.**  **21.**

**22.**  **23.**  **24.**

**25.**  **26.**  **27.**

**28. BIOLOGY** A lab technician draws a sample of blood. A cubic millimeter of the blood contains white blood cells and red blood cells. What is the ratio of white blood cells to red blood cells?

**29. COUNTING** The number of three-letter “words” that can be formed with the English alphabet is . The number of five-letter “words” that can be formed is . How many times more five-letter “words” can be formed than three-letter “words”?