**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_**

**Dividing Monomials WS 463**

**Simplify. Assume that no denominator is equal to zero.**

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

**5.**  **6.** **7.** **8.**

**9.** **10.** **11.** **12.**

**13.** **14.** **15.** **16.**

**17.** **18.**( **19.** **20.**

**21.** **22.** **23.** **24.**

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

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_**

**Dividing Monomials WS 464**

**Simplify. Assume that no denominator is equal to 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”?