**Homework Practice: *Powers and Exponents***

**Write each product using an exponent.**

**1.** 20 × 20 **2.** 4 × 4 × 4 × 4 **3.** 2 × 2 × 2 × 2 × 2 × 2 × 2

**4.** 3 × 3 × 3 × 3 × 3 **5.** 10 × 10 × 10 **6.** 7 × 7 × 7 × 7 × 7 × 7

**7.** 25 × 25 × 25 **8.** 5 × 5 × 5 × 5 × 5 × 5 × 5 **9.** 6.5 × 6.5

**10. SUN** The surface temperature of the sun is close to 10 × 10 × 10 × 10 degrees Fahrenheit. Write this product using an exponent.

**Write each power as a product of the same factor. Then find the value.**

**12.**

**14.**

**16.**

**18.**

**20. NEWSPAPERS** Tamika delivered newspapers last summer. Write as a product of the same factor. Then find the value.