**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.** $15^{3}$

 **14.** $0^{4}$

 **16.** $5^{5}$

 **18.** $3.5^{2}$

 **20. NEWSPAPERS** Tamika delivered $50^{2}$ newspapers last summer. Write $50^{2}$ as a product of the same factor. Then find the value.