

**10.6****Practice**

For use after Lesson 10.6

**Write the number in scientific notation.**

1. 4,200,000

2. 0.038

3. 600,000

4. 0.0000808

5. 0.0007

6. 29,010,000,000

**Order the numbers from least to greatest.**

7.  $6.4 \times 10^8$ ,  $5.3 \times 10^9$ ,  $2.3 \times 10^8$

8.  $9.1 \times 10^{-3}$ ,  $9.6 \times 10^{-3}$ ,  $9.02 \times 10^{-3}$

9.  $7.3 \times 10^7$ ,  $5.6 \times 10^{10}$ ,  $3.7 \times 10^9$

10.  $1.4 \times 10^{-5}$ ,  $2.01 \times 10^{-15}$ ,  $6.3 \times 10^{-2}$

11. A patient has 0.0000075 gram of iron in 1 liter of blood. The normal level is between  $6 \times 10^{-7}$  gram and  $1.6 \times 10^{-5}$  gram. Is the patient's iron level normal? Write the patient's amount of iron in scientific notation.