Module 5   **Decimal Operations, Exponents, and Powers**
Lesson 7   **Scientific Notation**

Write as a power of 10.

1.   10,000,000

2.   1,000

3.   0.000001

4.   0.0001

Evaluate.

5. 10^{-7}

6. 10^6

7. 10^{-5}

8. 10^{10}

Multiply.

9. 3.8×10^8

10. 454×10^{-3}

11. 5006×10^{-5}

12. 0.0031×10^6

Write in expanded form.

13.   0.655

14.   7.2302

Is the expression written in scientific notation? If not, write it in scientific notation.

15. 812×10^{-11}

16. 10×10^{5}

17. The size of a proton is about 10^{-15} m. Write this number in standard form.

18. The orbital distance of Saturn from the sun is about 1,400,000,000 km. Write this number in scientific notation.

Write each expression as a number in standard form.

19. $(3.0 \times 10^{-4}) + (5.4 \times 10^{-3})$

20. $(6.2 \times 10^{5}) - (9.0 \times 10^{4})$

Module 5   Lesson 7

Additional Practice