

10.5**Practice**

For use after Lesson 10.5

Tell whether the number is written in scientific notation. Explain.

1. 14×10^8

2. 2.6×10^{12}

3. 4.79×10^{-8}

4. 3.99×10^{16}

5. 0.15×10^{22}

6. 6×10^3

Write the number in standard form.

7. 4×10^9

8. 2×10^{-5}

9. 3.7×10^6

10. 4.12×10^{-3}

11. 7.62×10^{10}

12. 9.908×10^{-12}

13. Light travels at 3×10^8 meters per second.

a. Write the speed of light in standard form.

b. How far has light traveled after 5 seconds?