GUIDED PRACTICE

Lesson 14 – Exponents and Roots

Solve.

34 92 54 64

(-4)3 -(3)2 (-7)2 -(10)3

Find the square root.

√16 √9 √49

Give the standard notation for each scientific notation.

6 x 107 5 x 10-2 3.8 x 103 6 x 103

Give the scientific notation for each number.

5,000 0.003

Solve.

The approximate distance from Earth to the moon is 2.4 x 105 miles. Write this distance as a whole number.

The diameter of a human hair is measured to be 0.0012 inches. Write this diameter in scientific notation.