Chapter 1 Vocabulary

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| **Across**  **4.** Numbers that can be written as the ratio of two integers.  **11.** Decimal form of a rational number.  **12.** A product of repeated factors using an exponent and a base.  **13.** A number that cannot be expressed as the quotient a/b where a and b are integers and b does not equal zero.  **14.** A repeating decimal where the repeating digit is zero. | **Down**  **1.** A compact way of writing numbers with absolute values that are large or small.  **2.** A rational number whose square root is a whole number.  **3.** In a power, the number that is the common factor.  **5.** A rational number whose cube root is a whole number.  **6.** The symbol used to indicate a positive square root.  **7.** The set of rational numbers together with the set of irrational numbers.  **8.** In a power, the number of times the base is used as a factor.  **9.** One of two equal factors of a number.  **10.** One of three equal factors of a number. |