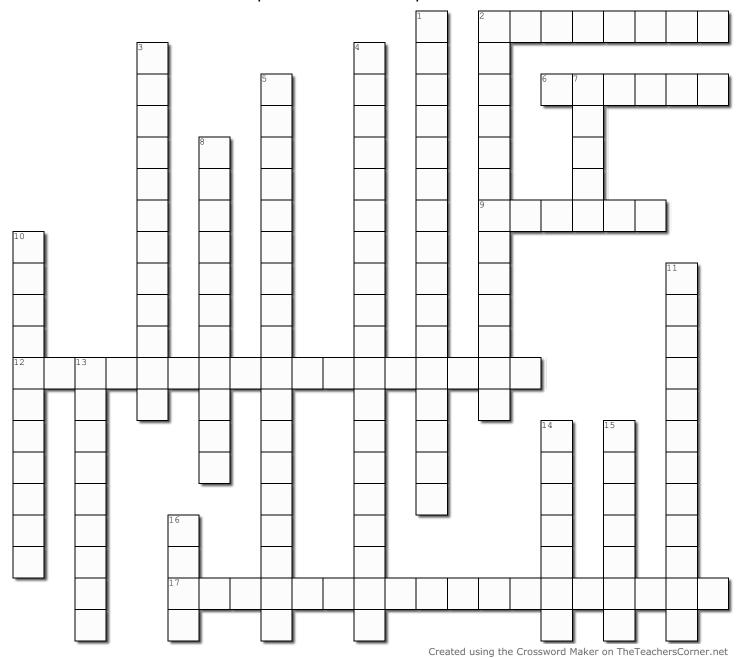
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## Chemistry Chapter 3 Vocabulary Crossword Puzzle Complete the crossword puzzle below.



## **Across**

- **2.** a measure of how close a measurement comes to the actual or true value
- **6.** a force that measures the pull on a given mass by gravity
- **9.** the capacity to do work or to produce heat
- **12.** the value measured in the lab
- **17.** a number that is written as the product of two numbers: a coefficient and 10 raised to a power

## Down

- 1. a ratio of equivalent measurements
- 2. the correct value
- 3. the lowest temperature possible
- **4.** a way to analyze and solve problems using the units of the measurement
- **5.** a measurement that includes all of the digits that are known, plus a last digit that is estimated
- **7.** the difference between the experimental value and the accepted value
- **8.** a quantity that has both a number and a unit
- **10.** a measure of the average kinetic energy of the particles in a substance
- **11.** the absolute value of the error divided by the accepted value, multiplied by 100%
- **13.** a measure of how close a series of measurements are to one another
- **14.** the ratio of the mass of an object to its volume
- **15.** a revised version of the metric system that is used by scientists
- **16.** the amount of matter that an object contains