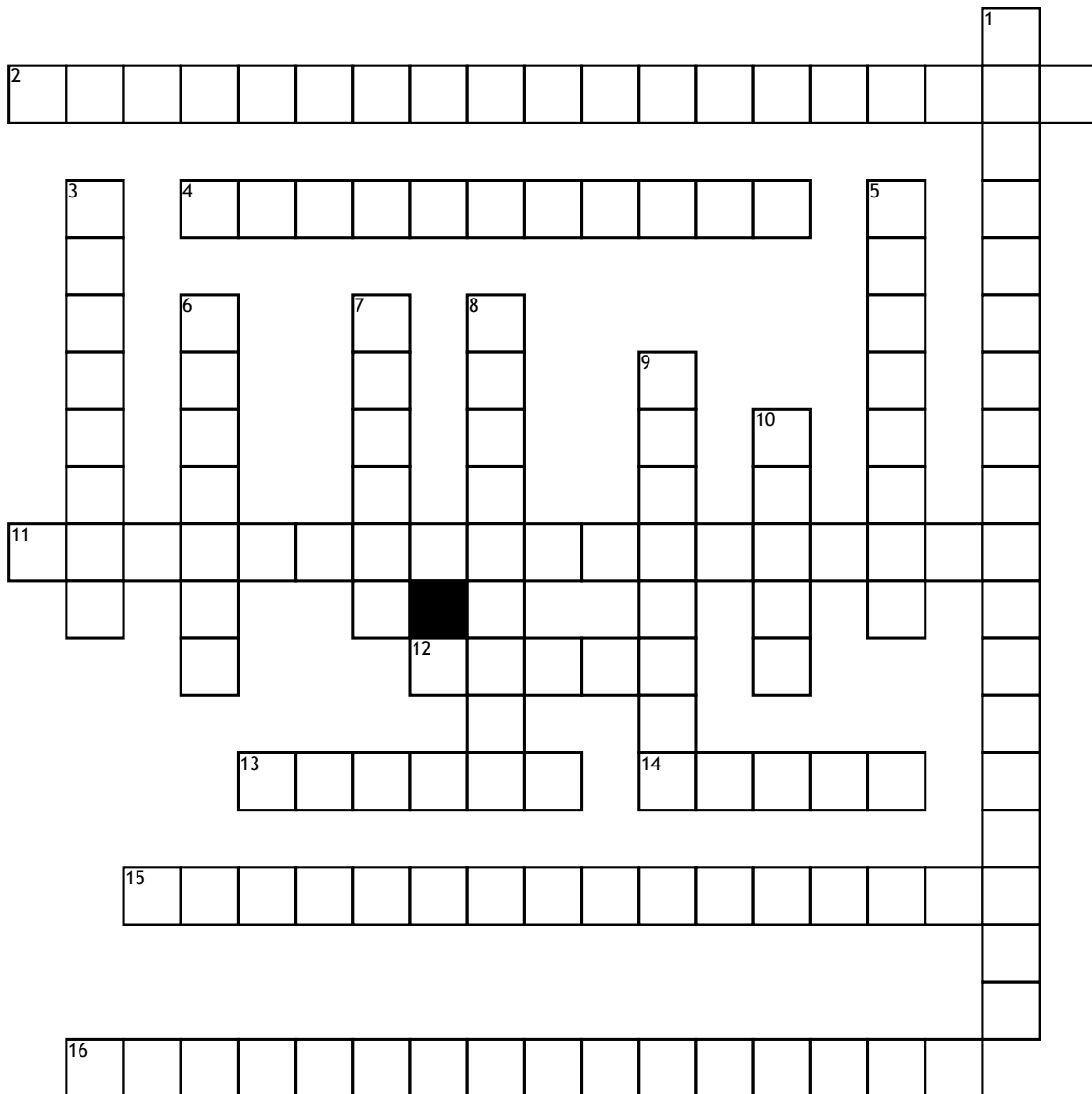


Science Vocabulary



Across

- 2. analysis using the fact that physical quantities added to or equated with each other must be expressed in terms of the same fundamental quantities
- 4. a SI unit of measurement comprised of a combination of the seven base units
- 11. the way that scientists easily handle very large numbers or very small numbers
- 12. a metric unit of capacity, formerly defined as the volume of 1 kilogram of water
- 13. constituting number two in a sequence; coming after the first in time or order

14. the fundamental unit of length in the metric system, equal to 100 centimeters

15. mathematical tool for converting between units of measurement

16. physical property that can be quantified

Down

- 1. each of the digits of a number that are used to express it to the required degree of accuracy, starting from the first nonzero digit
- 3. the quality or state of being correct or precise
- 5. a fundamental unit that is defined arbitrarily and not by combinations of other units

6. by a specified amount in or for every hundred

7. the SI base unit of thermodynamic temperature, equal in magnitude to the degree Celsius.

8. the quality, condition, or fact of being exact and accurate

9. the SI unit of mass, equivalent to the international standard kept at Sèvres near Paris (approximately 2.205 lb). Origin late 18th century: from French kilogramme (see kilo-, gram1). Translate kilogram to

10. a diagram showing the relation between variable quantities, typically of two variables, each measured along one of a pair of axes at right angles