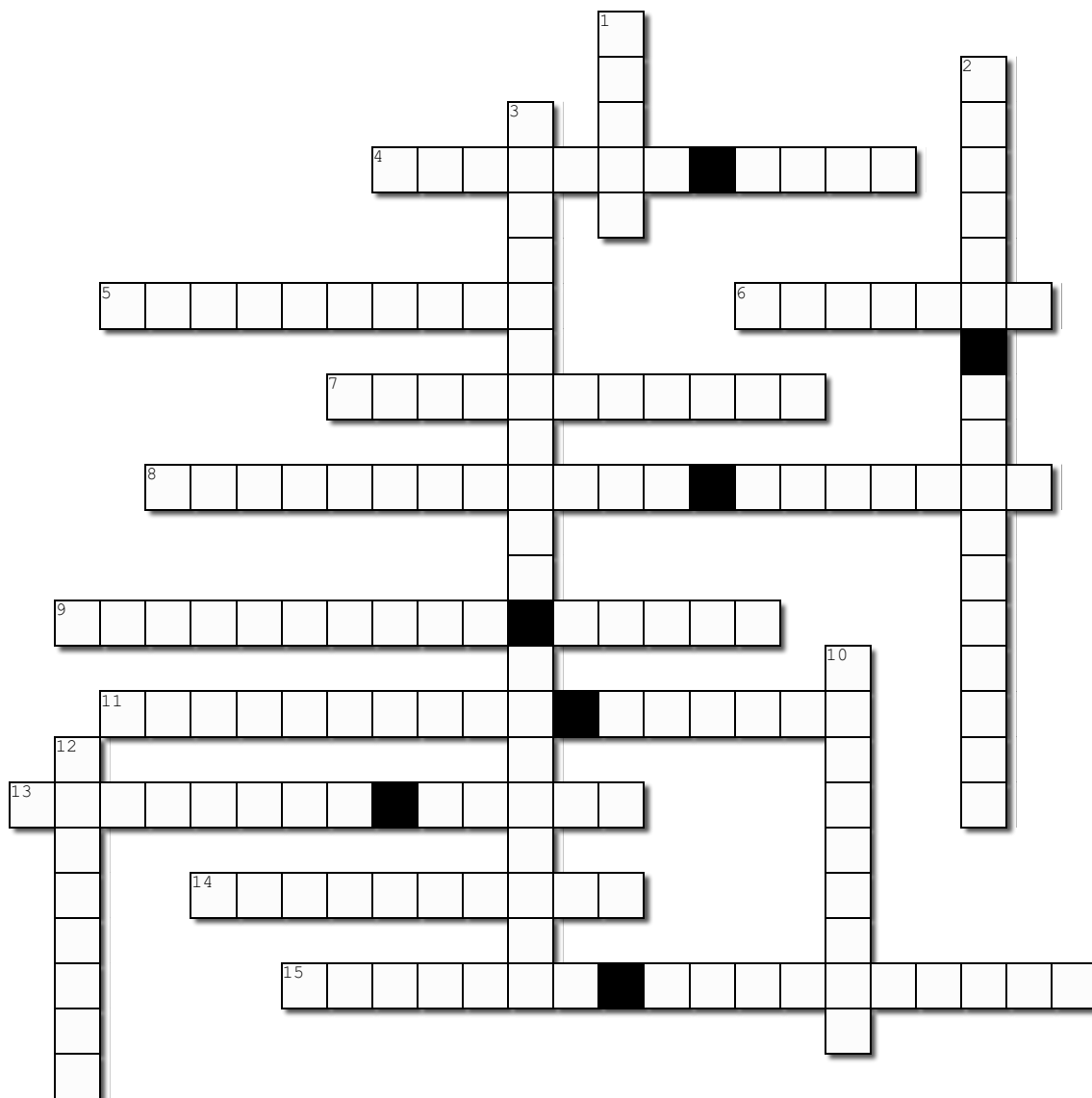


AMSAT Chem Topic#2 Measurement/Calculations #1

Complete the crossword puzzle using the provided vocabulary words.



Created using the Crossword Maker on TheTeachersCorner.net

- | | | | | | | | | | |
|------------------|--------------------|-------------------|----------------------|-------------------|----------------|------------|---------|-------|----------------------|
| percentage error | inverse proportion | accurate | hypothesis | qualitative | precision | conclusion | density | model | experimental control |
| derived unit | | direct proportion | dimensional analysis | conversion factor | accepted value | | | | |

Across

4. a unit of measure that is a combination of other measurements
5. the interpreted result of the experiment
6. the ratio of a mass of a substance to its volume
7. measurement using your senses
8. responds in a predictable way to an experiment
9. a calculation uses to determine the accuracy of a measurement
11. a ratio derived from the equality of two different units and can be used to convert from one unit to the other
13. the correct value for a measurement
14. an explanation based on prior scientific research or observations and can be tested
15. the relationship between two variables whose product is a constant value

Down

1. a pattern, plan, representation, or description designed to show the structure or workings of an object, system, or concept
2. the relationship between two variables whose ratio is a constant value
3. a mathematical technique for studying dimensions of physical quantities
10. the exactness of a measurement
12. a description of how close a measurement is to the true value of the quantity measured