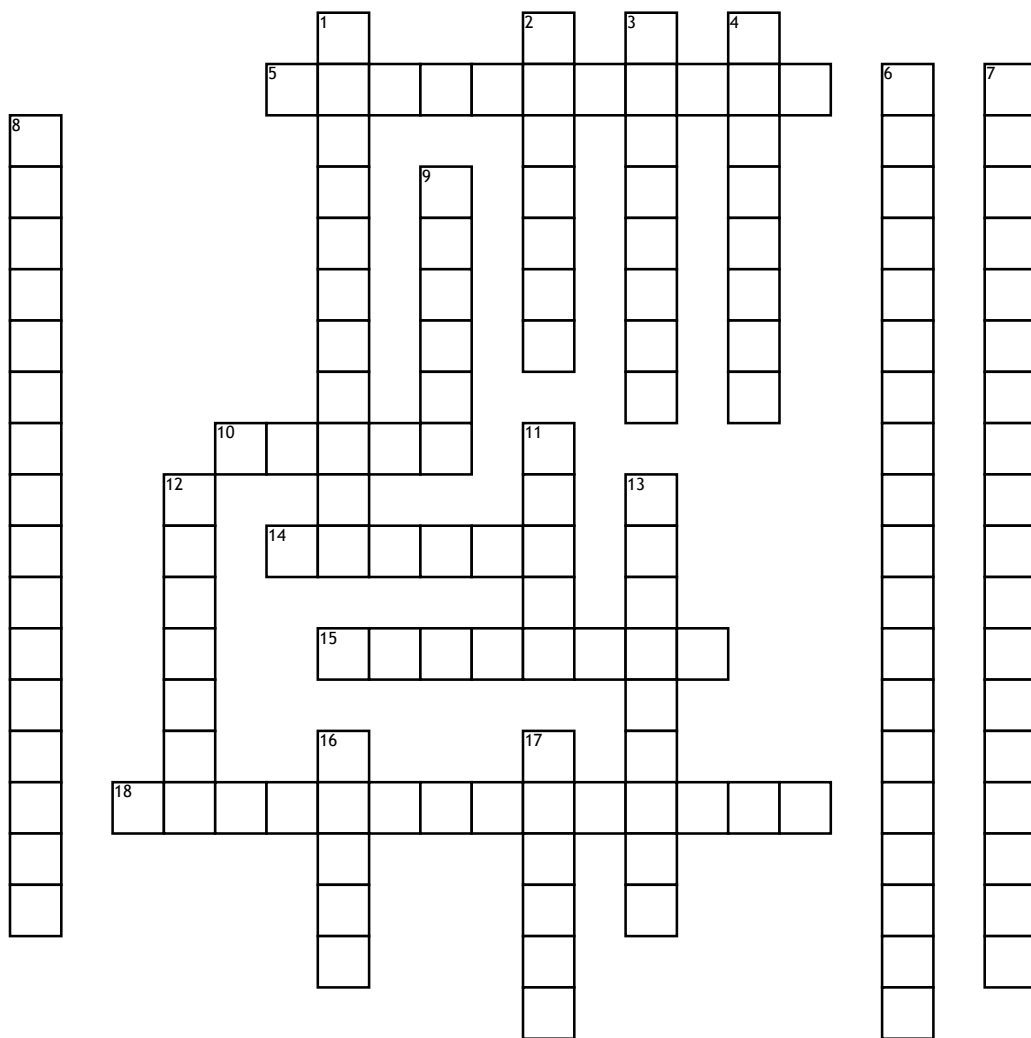


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# Chemistry



## Across

5. A unit that is made from other SI units.

10. A unit that can be used to measure any form of energy

14. The measure of the force of gravity acting on an object

15. How close a measurement is to the true value.

18. Exa, peta, Tera, giga, mega, kilo, hecto, deka, deci, centi, milli, micro, nano, atto, femto, pico, micro

## Down

1. A measure of the average kinetic energy of a substance.

2. A temperature scale based on the freezing point and boiling of point of water

3. The amount or number of something

4. 1,000 grams

6. The process of converting from one unit or metric prefix to another unit or metric prefix using conversion factors.

7. A way of determining the precision of a measurement.

8. A fraction used to convert from one unit or metric prefix to another.

9. The amount of space a sample of matter takes up

11. The SI unit for length

12. A unit that measures thermal energy

13. How close a group of measurements are to each other.

16. The SI unit for volume.

17. A temperature scale used by chemists and physicists which has no negative numbers.

## Word Bank

Derived unit

Conversion Factor

Temperature

Kilogram

Metric prefixes

Kelvin

Precision

Volume

Meter

Calorie

Joule

Celsius

Weight

Liter

Quantity

Dimensional analysis

Significant figures

Accuracy