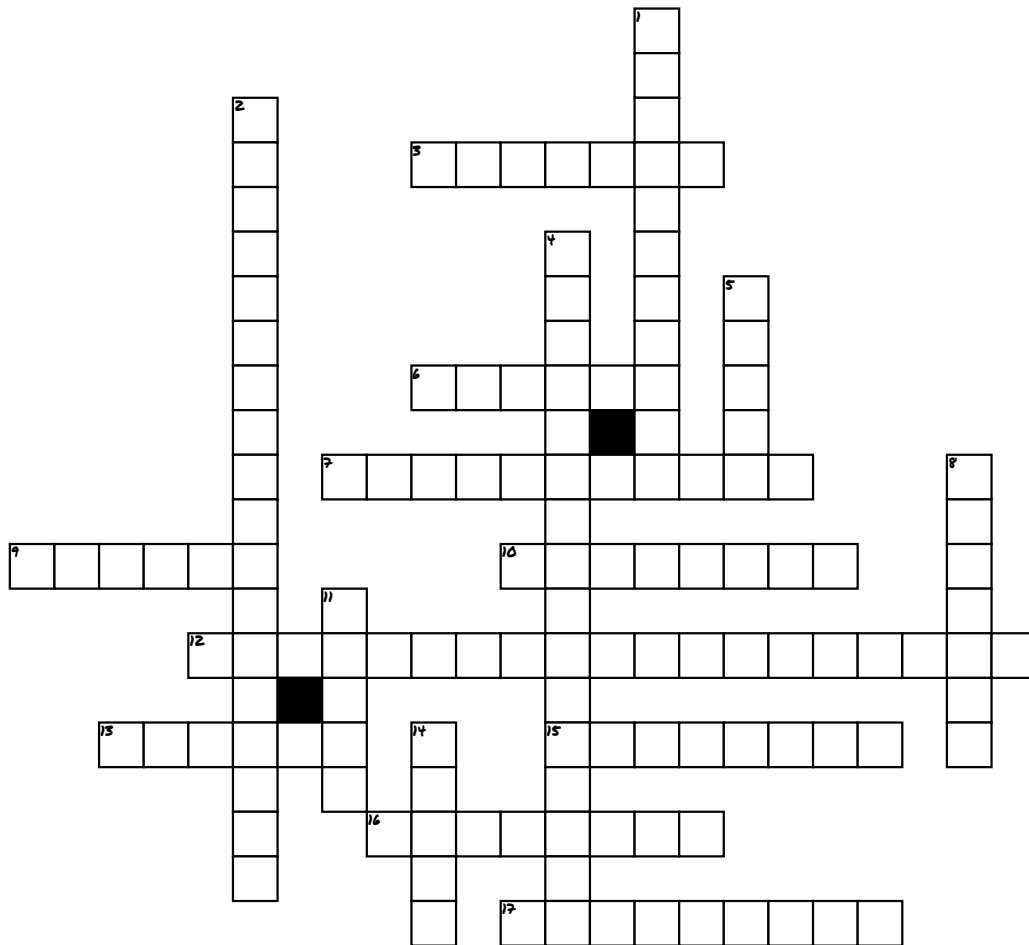


# CHEM. VOCAB PART 1



**ACROSS**

- 3. A UNIT THAT MEASURE OF THERMAL ENERGY
- 6. A TEMPERATURE SCALE USED BY CHEMISTS AND PHYSICISTS WHICH HAS NO NEGATIVE NUMBERS.
- 7. A MEASURE OF THE AVERAGE KINETIC ENERGY OF A SUBSTANCE. A MEASURE OF HOW FAST A SAMPLE'S MOLECULES ARE MOVING
- 9. THE MEASURE OF THE FORCE OF GRAVITY ACTING ON AN OBJECT
- 10. 1,000 GRAMS
- 12. THE PROCESS OF CONVERTING FROM ONE UNIT OR METRIC PREFIX TO ANOTHER UNIT OR METRIC PREFIX USING CONVERSION FACTORS.

- 13. THE AMOUNT OF SPACE A SAMPLE OF MATTER TAKES UP.
- 15. HOW CLOSE A MEASUREMENT IS TO THE TRUE VALUE.
- 16. THE AMOUNT OR NUMBER OF SOMETHING.
- 17. HOW CLOSE A GROUP OF MEASUREMENTS ARE TO EACH OTHER

**DOWN**

- 1. A UNIT THAT IS MADE FROM OTHER SI UNITS. EX: AREA HAS A UNIT OF M<sup>2</sup> (LENGTH X WIDTH)

- 2. A WAY OF DETERMINING THE PRECISION OF A MEASUREMENT. A WAY TO KNOW HOW TO ROUND A NUMBER WITHOUT ASKING THE TEACHER.
- 4. A FRACTION USED TO CONVERT FROM ONE UNIT OR METRIC PREFIX TO ANOTHER UNIT OR METRIC PREFIX.
- 5. THE SI UNIT FOR VOLUME.
- 8. A TEMPERATURE SCALES BASED ON THE FREEZING POINT AND BOILING POINT OF WATER.
- 11. THE SI UNIT FOR LENGTH
- 14. A UNIT THAT CAN BE USED TO MEASURE ANY FORM OF ENERGY

**WORD BANK**

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|---------------------|----------------------|-------------|--------|
| CONVERSION FACTOR   | LITER                | CALORIE     | VOLUME |
| DERIVED UNIT        | PRECISION            | TEMPERATURE | WEIGHT |
| SIGNIFICANT FIGURES | JOULE                | CELSIUS     | METER  |
| QUANTITY            | DIMENSIONAL ANALYSIS | ACCURACY    | KELVIN |
| KILOGRAM            |                      |             |        |