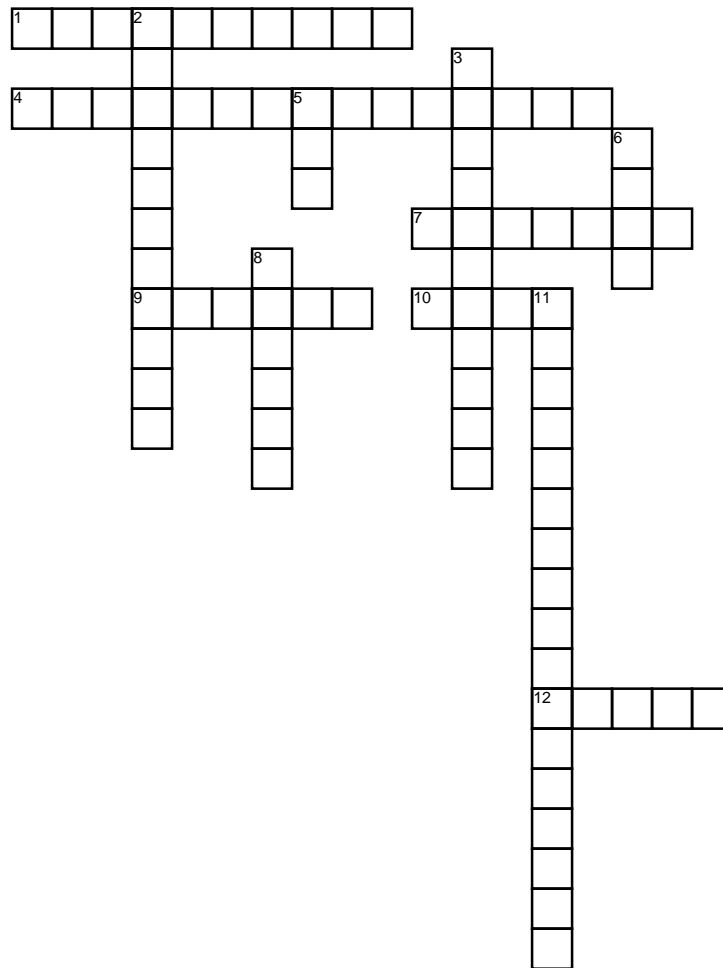


# Chapter 1: World of Phys Scienc, Physical Science

Name \_\_\_\_\_ Date \_\_\_\_\_

Instructions: Complete the puzzle. Use the clues to help you fill the boxes with the correct words.



## ACROSS

1. an explanation that is based on prior scientific research or observations and that can be tested
4. the scientific study of nonliving matter
7. the ratio of the mass of a substance to the volume of the substance
9. an explanation that ties together many hypotheses and observations
10. a measure of the amount of matter in an object
12. a pattern, plan, representation, or description designed to show the structure or workings of an object, system, or concept

## DOWN

2. the process of obtaining information by using the senses
3. a measure of how hot (or cold) something is; specifically, a measure of the average kinetic energy of the particles in an object
5. a summary of many experimental results and observations

6. any pieces of information acquired through observation or experimentation
8. a measure of the size of a body or region in three-dimensional space
11. a series of steps followed to solve problems