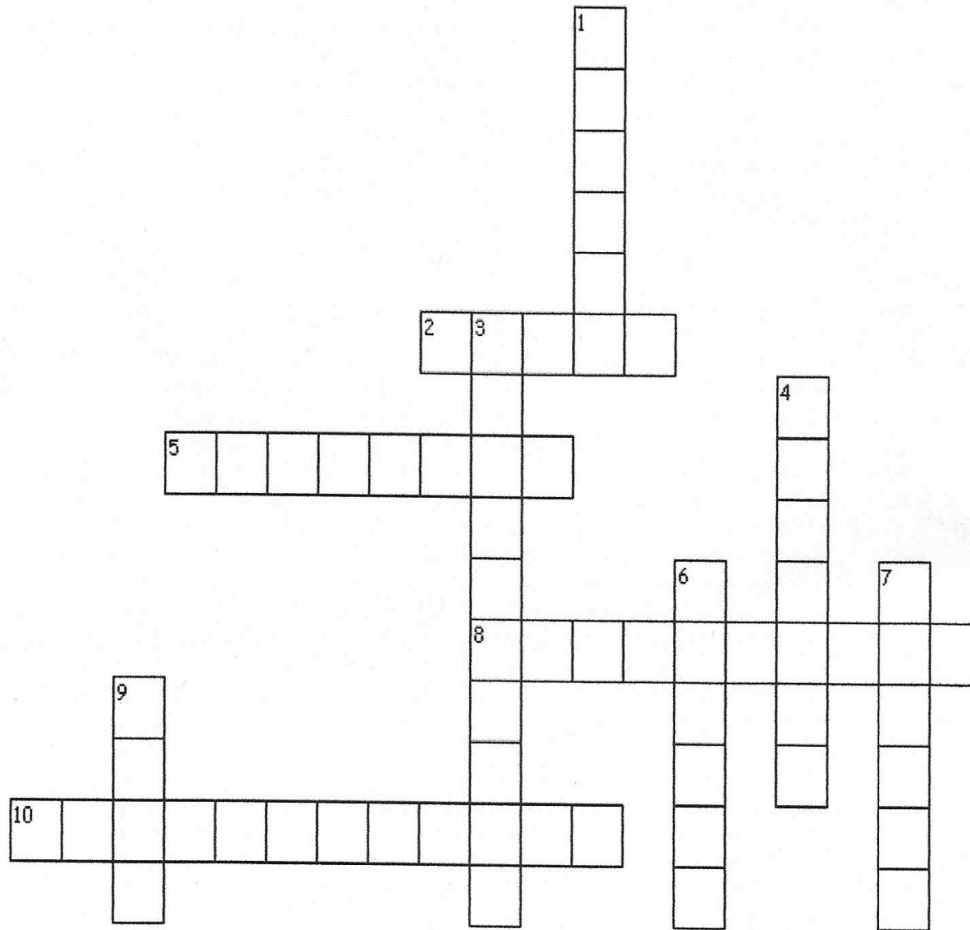


Chapter 4 Vocabulary and Concepts



Across

2. this has the density equal to 1 g/ml
5. the measure of upward force a fluid exerts on a submerged object
8. one _____ equals one centimeter cubed
10. the change in volume in a fluid

Down

1. the amount of space inside an object
3. the scientist whose principle states "Buoyant force is equal to the weight of the fluid displaced"
4. the amount of matter inside the space of an object; or the amount of mass per unit of volume
6. If you _____ mass by volume, you get density
7. the downward force acting on an object
9. the amount of matter in an object