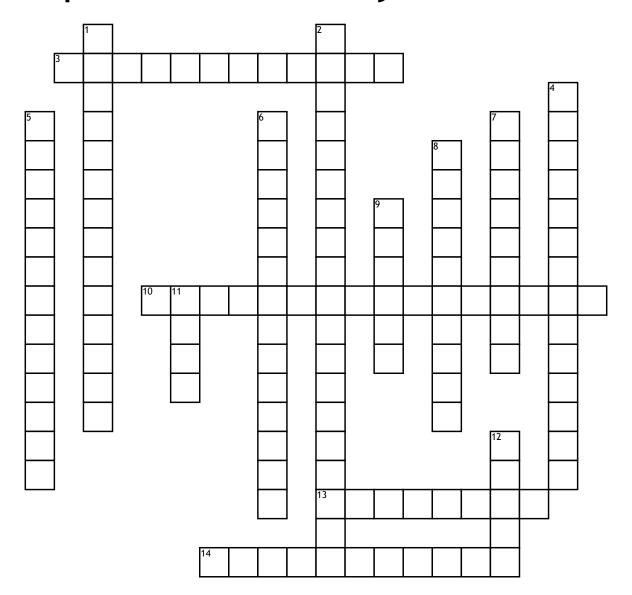
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## Chapter 4 Vocabulary Words 15-28



## Across

- **3.** a fluid's (such as water) ability to make something float
- 10. when you squeeze a fluid (such as a bottle of water) the pressure is put on all of the fluid, not just the part near where you apply the pressuere (press on the bottle)
- **13.** a force exerted on a surface divided by the total area over which the force is exerted

**14.** measurement of the average speed of all the molecules

## Down

- 1. a liquid that is able to attach itself to a surface
- **2.** states that the buoyant force on an object is equal to the weight of the fluid displaced by the object
- **4.** a change in matter where a brand new substance is created

- **5.** the total amount of energy an object has
- **6.** a change in the appearance of matter but nothing new is created
- **7.** a liquid's resistance to flow
- **8.** how fast/slow molecules are moving
- **9.** the ability to cause change
- 11. the basic unit of matter
- 12. a push or pull