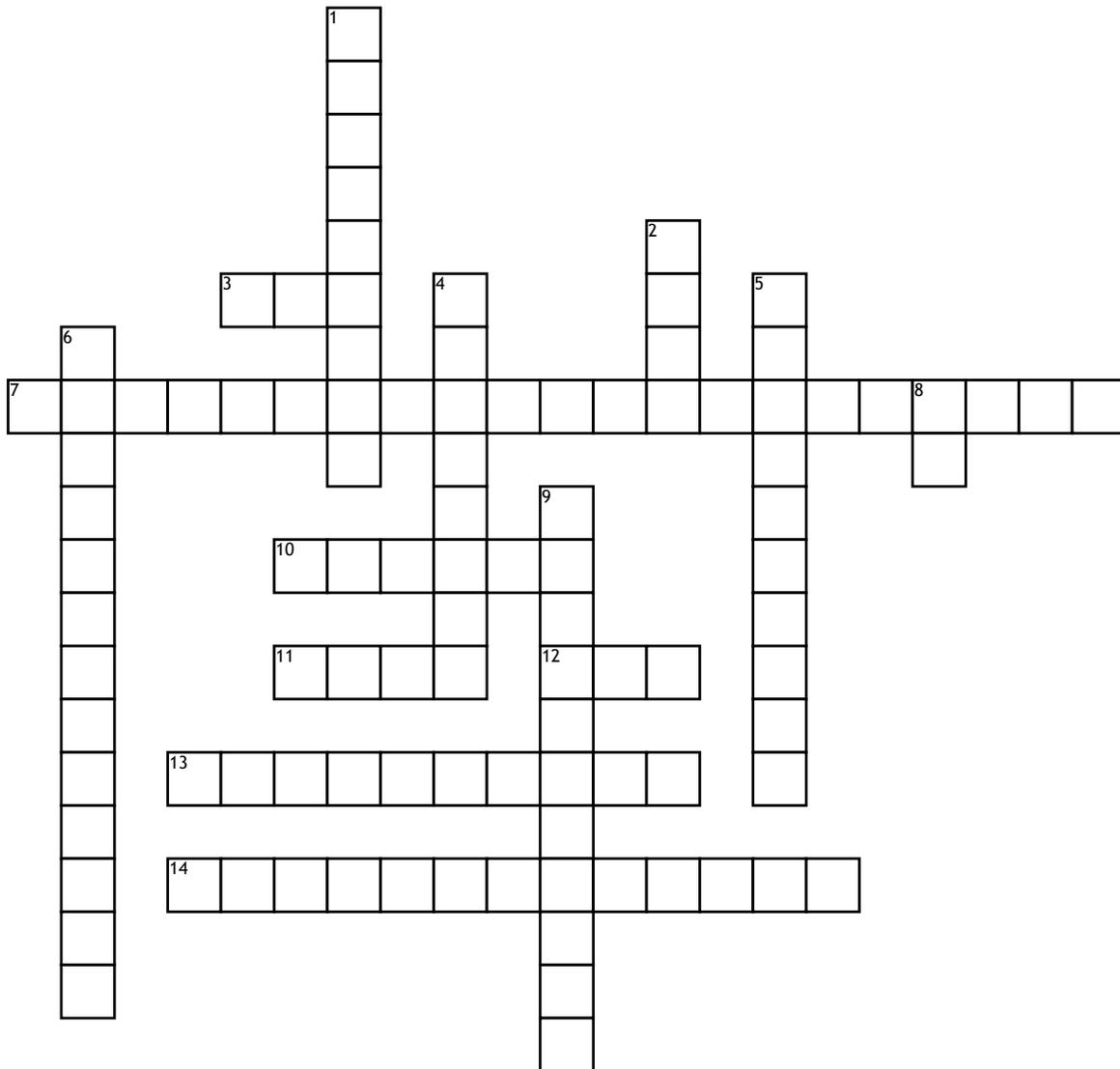


Name: _____

Date: _____

Acids and Bases and Gas Laws



Across

3. no physical state, particles are free, freely moves around

7. consists of two substances related to loss/gain of hydrogen ion

10. how much space something takes

11. Ionic compound that produces hydroxide ions OH⁻ when dissolved in water, an aqueous substance that can accept hydrogen ion

12. calculated through hydroxide concentration

13. a substance that can act as both acid and base

14. particle that remains when an acid has donated a hydrogen ion

Down

1. given mass of gas has a constant temperature

2. when dissolved in water, it produces a hydrogen ion H⁺

4. force applied to an object or surface

5. volume of fixed mass of gas proportional to its Kelvin temperature if pressure is constant

6. particle formed when base gains a hydrogen ion

8. potential hydrogen. helps with acidity of substances

9. how hot or cold something can be