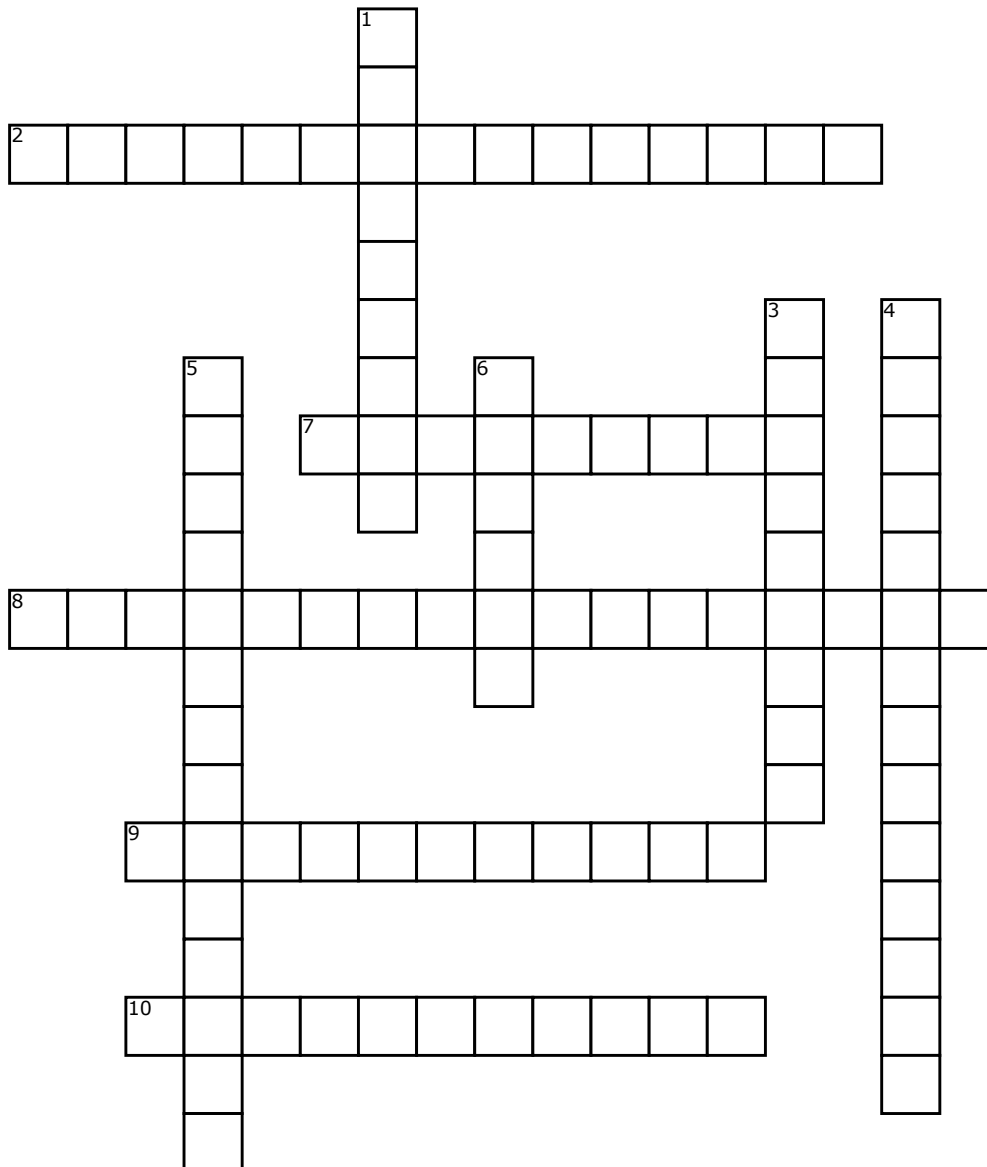


Name: _____

Date: _____

Behavior of gases



Across

2. A type of laboratory flask which features a flat bottom, a conical body, and a cylindrical neck

7. A fixed amount of gas is _____ proportional to its pressure at constant temperature

8. Real life application of Combined Gas Law

9. He performed an experiment where in heat trapped a fixed amount of air in the J-tube

10. $PV=nRT$

Down

1. Real life application of Boyle's Law

3. He deduced that the pressure of the gas is directly proportional to its temperature

4. He trapped a sample of gas in a cylinder with a movable piston in water bath at different temperatures

5. He provided explanation as to why compounds reacted in definite ratios and on how the amount of gas affects its volume

6. $C + 273.15$