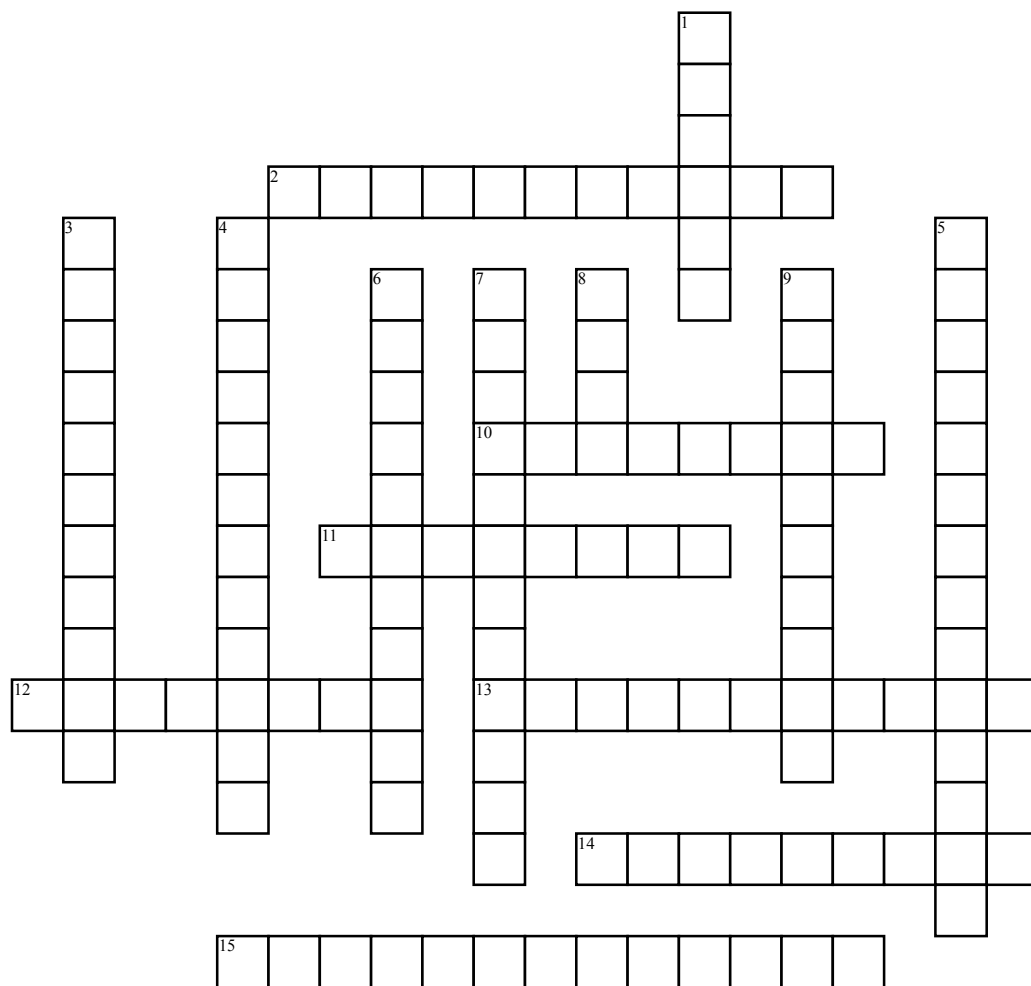


Name: _____

Date: _____

Gas Laws Crossword



Across

2. pressure, volume, and _____ are all factors that affect how a gas behaves

10. if you increase the volume of a gas, the _____ of the gas will decrease

11. according to Gay-Lussac's law the pressure and temperature of a gas are _____ proportional

12. if temperature increases, pressure will _____

13. a law that describes the physical behavior of an ideal gas

14. this law describes the relationship between pressure and volume of a gas

15. pressure and the kelvin temperature are directly proportional according to this law

Down

1. this variable has units of mL or L

3. 0.08206, designated by R

4. it has never been this cold = zero K

5. this law expresses the relationship between pressure, temperature, and volume

6. a number written in front of a reactant or product of a chemical equation

7. due to the spaces between molecules, gases are easily _____

8. the unit used for the amount of substance

9. law that talks about how volume and temperature are directly proportional

Word Bank

charles law
compressible
boyles law
ideal gas law

volume
gay lussacs law
gas constant
combined gas law

pressure
increase
mole
directly

temperature
coefficient
absolute zero