

## Gas Laws – Quizizz Live Lesson!

For the slides below – determine what law best fits!

Is it Boyle's Law, Charles' Law, Gay-Lussac's Law or Avogadro's Law (we already know Avogadro's Number:  $6.02 \times 10^{23}$  of atoms, ions or molecules!)

Slide 4

### Temperature AND PRESSURE

- AS TEMPERATURE INCREASES, PRESSURE INCREASES
- DIRECT RELATIONSHIP

Slide 6

### Temperature AND VOLUME

- AS Temperature INCREASES, VOLUME INCREASES
- DIRECT RELATIONSHIP

## PRESSURE AND VOLUME

- THE LOWER THE VOLUME, THE HIGHER THE PRESSURE
- INVERSE RELATIONSHIP

## NUMBER OF MOLECULES AND VOLUME

- AS THE NUMBER OF MOLECULES INCREASES VOLUME WILL INCREASE
- DIRECT RELATIONSHIP.