Charles' Law

How Temperature is related to volume for a constant mass and pressure of gas.

Temperature (^{o}C)	0	20	40	60	80	100
Length of air Column(cm) Proportional to volume	20	21.5	22.9	24.4	25.9	27.3
Use these figures to show a relationship!						

Pressure Law

How Temperature is related to Pressure for a constant mass and volume of gas.

Temperature (^{o}C)	0	20	50	80	100
Pressure (kPa)	93	100	110	120	127
Use this to show a relationship!					

Boyle's Law

How Pressure is related to volume for a constant mass and temperature of gas.

Pressure (kPa)	100	111	125	143	167	250
volume of air column(cm^3)	50	45	40	35	30	20
Use the results to show a relationship						