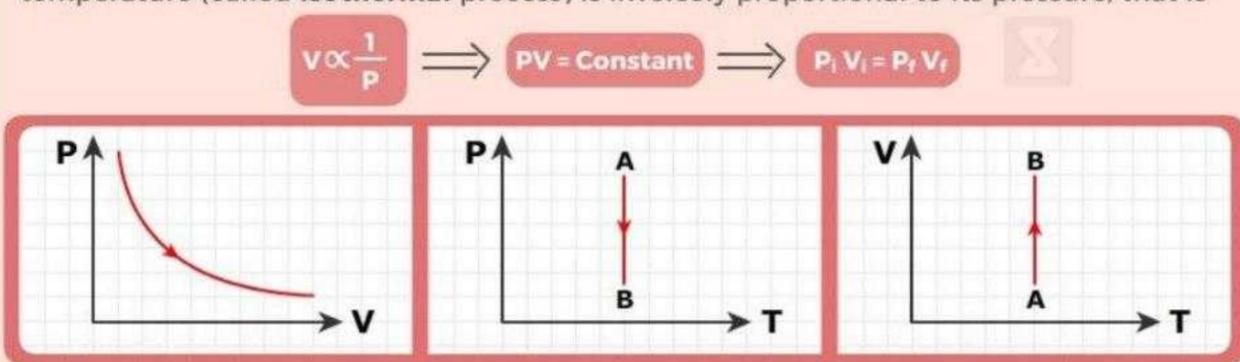
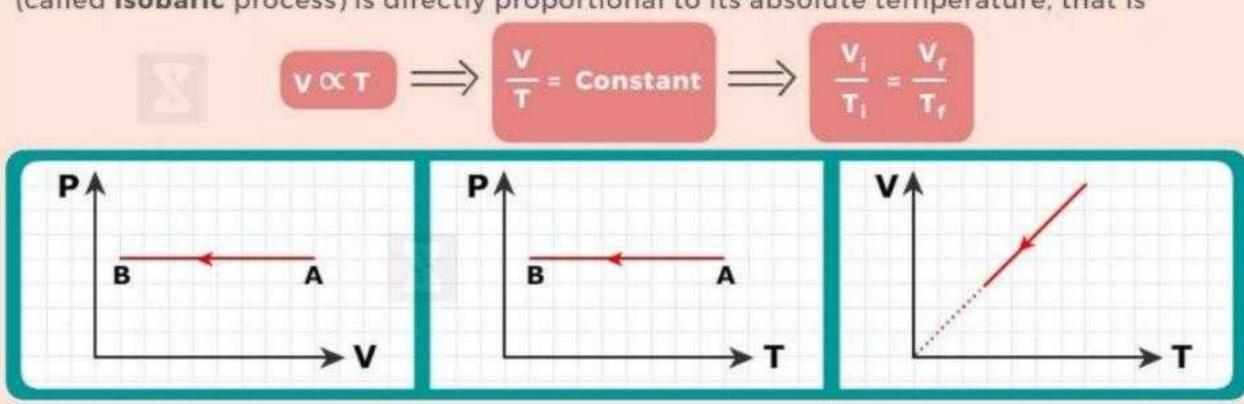
## BOYLE'S LAW S BOYLE'S LAW

According to this law, for a given mass of a gas, the volume of a gas at constant temperature (called isothermal process) is inversely proportional to its pressure, that is



## CHARLE'S LAW

According to this law, for a given mass of a gas, the volume of a gas at constant pressure (called **isobaric** process) is directly proportional to its absolute temperature, that is



## GAY LUSSAC'S LAW OR PRESSURE LAW

According to this law, for a given mass of a gas, the pressure of a gas at constant volume (called **isochoric** process) is directly proportional to its absolute temperature, that is

