

10.1

Revision Worksheet

Match the following

Fluid	S I unit of pressure
Pressure	$P_1V_1/T_1 = P_2V_2/T_2 = \text{Const.}$
Pascal	$V/T = \text{constant}$; at const pressure
Combined gas law	Materials that can flow and have no definite shape of their own
Ideal gas law	Property of all forms matter that causes the matter to expand.
Boyle's law	$P = F/a$
Charles' Law	The gas like state of negatively charged electrons and positively charged ions is called plasma
Thermal Expansion	$PV = nRT$
Plasma	$PV = \text{constant}$: at constant temperature