

Sangam SKM College – Nadi

Year 13

Chemistry

Worksheet 5

Questions: Ideal Gas

1. If I have 72 litres of gas held at a pressure of 3.4 atm and a temperature of 225 K, how many moles of gas do I have?

2. If I have 0.275 moles of gas at a temperature of 75 K and a pressure of 1.75 atmospheres, what is the volume of the gas?

3. If I have 4 moles of a gas at a pressure of 5.6 atm and a volume of 12 litres, what is the temperature?
