

Answer on Question #79689 - Chemistry - Physical Chemistry

Question:

Pressure is known as the _____ per area on a _____. Imagine squeezing a balloon. All the pressure that is felt is due to the _____ of the gas particles that are moving around and bouncing off the _____ of the balloon. The SI unit for pressure is Pascal (____), however _____ (atm) is used most frequently.

Solution:

Pressure is known as the force per area on a surface. Imagine squeezing a balloon. All the pressure that is felt is due to the amount of the gas particles that are moving around and bouncing off the surface of the balloon. The SI unit for pressure is Pascal (Pa), however atmosphere (atm) is used most frequently.