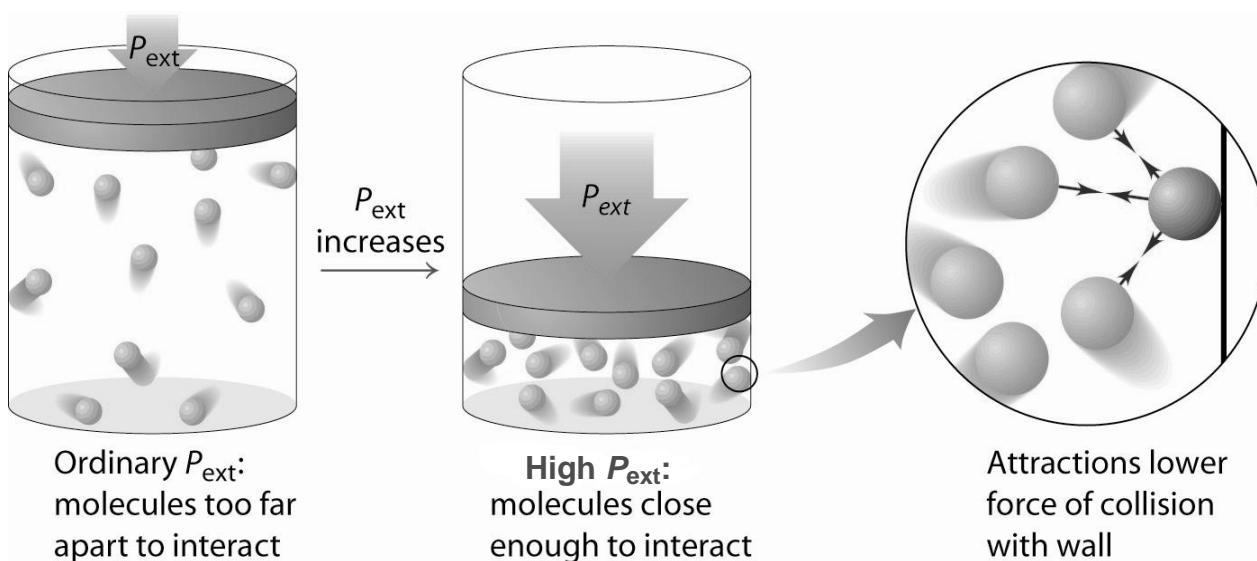
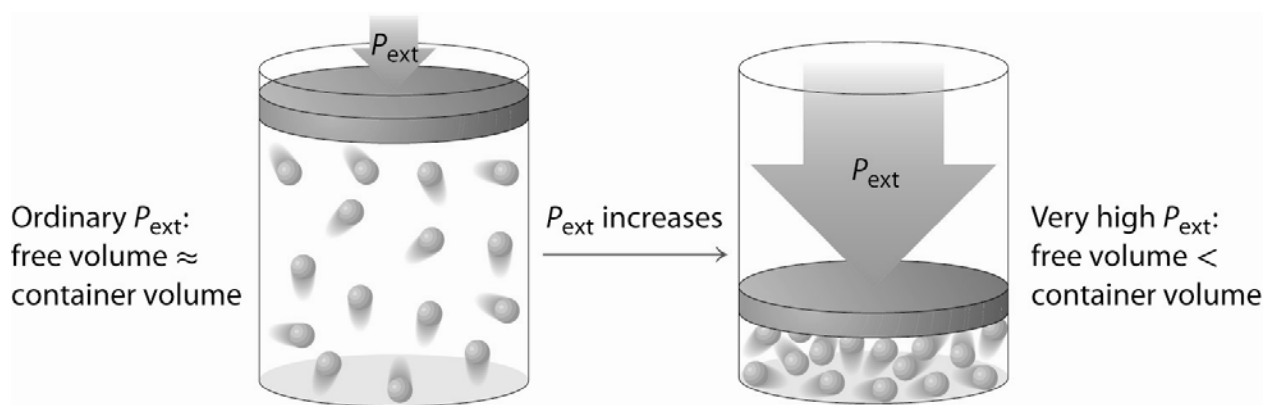


High Pressure Effects on the Behaviour of Gases



Under high pressures, gas molecules are close enough together to interact with one another when they are about to collide with the wall of the container. These interactions reduce the force of the collisions with the wall.



At standard atmospheric pressure, gas molecules are so far apart that they take up a very small percentage of the volume of the container. At high pressures, the actual volume of the gas molecules is a significant percentage of the volume of the container.