

20 Why does an ideal gas exert pressure on its container?

A The molecules of the gas collide continually with each other.

B The molecules of the gas collide continually with the walls of the container.

C The molecules of the gas collide inelastically with the walls of the container.

D The weight of the molecules exerts a force on the walls of the container.

21 The formula for hydrostatic pressure is $p = \rho gh$