

Chemistry

Pressure Problems

Convert the following pressures to the unit that is asked for:

1. Convert 655 mmHg to atmospheres.
2. Convert 99.8 kPa to psi.
3. When you are 30 feet beneath water you have about 2.00 atm acting on you. What is the pressure in mmHg?
4. Air pressure in Denver Colorado is about 12.0 psi. What is the pressure mmHg?
5. If a car tire has a pressure of 37.5 psi, what is the pressure in kPa?