

Name: _____ Hour: _____

Pressure Conversion Worksheet

Useful Equations	
1.00 atm = 101.3 kPa	1.00 atm = 760 torr
1.00 atm = 14.7 psi	1.00 atm = 760 mmHg

1. The pressure is recorded as 738 mmHg. Convert this measurement to atmospheres (atm).

answer = _____

2. The air pressure in a tire is 2.38 atm. What is this pressure in kilopascals?

answer = _____

3. The safety disk in a scuba tank will blow at a pressure of approximately 25000 kPa. Convert this pressure to mmHg.

answer = _____

4. The atmosphere supports a column of mercury that is 748 mm in height. What is atmospheric pressure in torr? Convert this pressure to atmospheres (atm).

answer = _____