

Pressure (atm)	Temp (K)
20	87
40	172
60	270
80	348
100	430
120	535
140	600
160	715

Changing pressure,
measuring temp.

Distance (cm)	Time (sec)
19.6	2
122	5
238	7
710	12
1251	16
1968	20
3572	27
4419	30

The object is falling.
Time is independent
because it is the time
on a clock.

Measure Volume While
Changing Pressure

Pressure (atm)	Volume (m ³)
0.03	23980
0.06	11890
0.09	7998
0.12	6037
0.15	4806
0.18	4003
0.21	3448
0.24	2987

It says you are
changing the
pressure and the
volume responds

Period of a mass on a
spring

Period (sec)	mass (kg)
0.5312158	0.2
0.7789153	0.43
0.9650015	0.66
1.120301	0.89
1.257086	1.152
1.3801392	1.35
1.4930851	1.58
1.598068	1.81

You are changing
mass and the period
responds