

Review Answers

- 1) Composed of various elements: Nitrogen, oxygen, Argon, CO₂, etc
- 2) Ignore
- 3) N, O, Ar, Ne, CO₂
- 4) Galileo, Pascal, Torr, Von Guericke, Henry
- 5) a) 665 mmHg b) 0.98 atm
 c) 96.7 kPa d) 0.97 atm
 e) ~~0.97 atm~~ 98.63 kPa f) 744.6 mmHg
 g) 51.45 psi h) 4.48 kPa
- 6) $V = 0.52 \text{ L}$
- 7) $V = 490 \text{ ml}$
- 8) 254.6 ml
- 9) 681.9 ml
- 10) 2.2 ml
- 14) 4.14 ~~ml~~
- 15) 67.68 ml
- 16) 894 K
- 17) 1.03 atm
- 18) 340.3 K
- 19) 3.3 atm
- 20) 1059.5 mmHg
- 21) 83.4 ml
- 22) 679.69 ml
- 23) 39.2 ~~ml~~ L
- 24) 441.3 ml
- 25) 92.66 ~~ml~~ L
- 26) Super cool underwater Bible adventures! NOT!!

Self contained underwater breathing apparatus
 - to prevent air bubbles from coming out which will cause pain & other symptoms