1. What is definition of pressure?

2. What is the mathematical relationship between force, area, and pressure?

3. What is the SI unit for pressure?

4. 1 Pa =

5. *Circle the statements that are true of fluids*

A. A fluid is a substance that cannot flow easily.

B. Fluids can change shape easily.

C. Liquids and gases are both fluids.

D. Fluids cannot exert forces on solid surfaces.

6. What is atmospheric pressure?

7. How much mass does 1 cubic meter of atmosphere (air around you) have?

8. Explain (using a drawing and labels) pressure in a fluid that is not moving.

9. Why are you not crushed by the weight of the atmosphere?

10. Draw a picture, graph, or chart to explain how atmospheric pressure changes with altitude.

11. Draw a picture, graph, or chart to explain how water pressure changes with depth.

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