# 13.1 Fluid Pressure

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**PRESSURE:**

1. Pressure is a the result of a(n) _____ distributed over a(n) _____ .
2. If the same force is exerted by these which of them will exert more pressure:
   a) A foot
   b) A large book
   c) A fingertip
   d) A tip of a pen
3. A wooden box that measures 2.0 m long 0.40 m wide rests on the floor. If it weighs 600 N, What pressure does it exert on the floor?

**PRESSURE IN FLUIDS:**

4. Any substance that assumes the shape of its container is called _____
5. Chose the example/s that represent a fluid:
   Air
   Wood
   Iron
   Oil
6. True / False: Water pressure decreases as depth decreases.
7. True / False: Fluid pressure is exerted only at the base of a container holding a fluid.
8. True / False: The pressure in a fluid at any given depth is constant, and it is exerted equally in all directions.
9. True / False: The two factors that determine the pressure a fluid exerts are type of the fluid and its depth.

10. True / False: The pressure at the depth of 1.0 m in a large lake is greater than the pressure at the same depth in a swimming pool.

11. Air pressure _____ as the altitude _____