

**Physics**

**Liquid State Worksheet-p.39-41**

**Fill in the blanks.**



1. The downward pressure on a surface at a constant depth ( $P=dh$ ) is known as
  
  
  
  
2. Constant movement of water from sea to land and then back to sea is known as the
  
  
  
  
3. If depth increases by a certain factor, pressure must increase by the same factor also. This is called
  
  
  
  
4. The study of liquid at rest is called
  
  
  
  
5. Is any push or pull



6. The 3 important principles at the basis of hydrostatics

- 1.
- 2.
- 3.

7. In SI units, the unit of force

8. The force exerted by a liquid on a surface is always  
that is,

To the surface .

9. The weight of a surface per unit volume is the

10. Is the amount of force brought to bear on a unit  
area of a surface