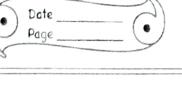


- Why is it difficult to hold a School bag having a strap made of a thin and strong string?
- Ans) Because the pressure on the shoulders is quite large. This is because the pressure is inversely proportional to the surface area on which the force acts.
 - 2) What do you mean by bou bypyancy?
- Prs-) Force applied by the fluid on a solid which is partially or fully sup symberged in liquid is called brogary.
 - 3) why does an object float or shipt-sink when placed on the synface of water?
- An object sink in water if its density is greater than that of water. An object floats in water if its density is less than that of water.
- 4) you find your mass to be 42kg on a weighing machine is your mass mone



of less than 42 kg?

ANS) The weight machine measures this apparent weight and hence the mass indicated by it is less than the actual mass will be more than