

9) Air is _____ dense than water.

10) Solids generally have _____ density than liquids.

Q-3) Match the following

- | | | |
|--------------|-----------------------------|----------|
| 1) Screw | a) beyond 500 km. | 1- _____ |
| 2) Pulley | b) used to cut | 2- _____ |
| 3) Wedge | c) bottle cap | 3- _____ |
| 4) Lever | d) Seesaw | 4- _____ |
| 5) Scissors | e) axe | 5- _____ |
| 6) Volume | f) space taken by an object | 6- _____ |
| 7) Exosphere | g) helps in lifting load | 7- _____ |

Q-4) Case Study

Ravi filled two bottles with water. One was glass, one was plastic. He dropped both in a bucket of water. The glass bottle sank, but the plastic bottle floated.

1. Why did the glass bottle sink?

2. Why did the plastic bottle float?

Q-5) Picture Talk

Look at the picture given below and answer the following questions:

Q:1 Identify two simple machines in the bicycle and explain their use.



Q.1 What is this machine called?

Q.2 What is the use of it in hospital?



F. Think and Answer

1. If air did not exert pressure, would it be possible to drink using a straw.

