

Smart Writeup's

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

1. The value of acceleration due to gravity on moon is $\frac{1}{6}$ th of that on the earth. If the weight of body on earth is 12 N, what will be the weight of that body on moon?

2. The value of acceleration due to gravity on earth surface is 9.8 m/s^2 . Will it be less or more if we go (i) on a hill (ii) deep down a mine?

3. The weight of a body of mass m on earth is mg where g is acceleration due to gravity. When we go on a hill, the weight of a body decreases. State which factor is responsible for this decrease in weight.

4. When you put an object on a spring balance, do you get the mass of the object or its weight?

5. Where is the value of g greater—at poles or at equator?
