

Activity Worksheet

Challenging brain

Sub : Science

Grade: IX

Date:

Name:

ID No.....

If I Was A... ? Worksheet

Pretend that you are Gravitational constant (G) for the remaining questions.

1. Define yourself.

2. What is your value on the surface of the Earth?

3. By whom your value was experimentally determined?

4. What is your SI unit?

5. What is your value at the centre of the Earth?

6. If the distance between two masses is increased, your value increases, decreases or remain constant?

7. Why are you known as the universal constant?

8. Does your value in the law of gravitation depend on the mass and radius of the Earth?
