

Physics 1114 - General Physics I

Quiz #8 - 2012.06.19

Solutions

1. State Newton's law of gravitation.

Every particle in the universe attracts every other particle with a force directly proportional to the product of masses of the particles and inversely proportional to the square of the distance between them.

2. What is the complete definition of weight?

The weight of an object is the total gravitational force exerted on the object by all other objects in the universe.