

# Physics 1114 - General Physics I

Quiz #9 - 2012.09.12

Solutions

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1. What is the difference between mass and weight?

The weight of an object is the force the object experiences due to gravity, which is equal to the objects mass times gravitational acceleration.

2. State Newton's second law of motion.

Newton's second law states that the resultant of all forces acting on an object equals the object's mass times its acceleration.