

Forces and Motion Quiz 1

unit of **Distance**: _____ unit of **time**: _____

Speed = _____

Velocity is speed in a certain direction.

Velocity = _____ unit of Velocity: _____

Acceleration: a change in velocity.

Acceleration = _____ $a =$ _____

unit of acceleration: _____

Distance is _____ the velocity time graph.

Newton's laws

1) Velocity remains _____ unless acted on by a _____ 2)

Force = _____ $F =$ _____

3) If A applies a force to B, _____

Unit of force: _____

Mass (m) is _____. Unit _____

Gravity is _____

The acceleration due to gravity on earth (g) is approx. _____

Weight (W) is _____ $W =$ _____

Friction is a force that _____ due to passing objects rubbing off each other.

Density = _____