**Distance Displacement Speed/ Velocity**

Change km/hr to m/s

Change m/s to km/hr

Units for Velocity are: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To calculate Velocity To calculate distance

A car travels 294 m in 2 minutes what is the speed of the car?

Convert this to km/hr

A train travels at a speed of 18 m/s how far does it travel in 25 seconds

**Acceleration**

**Deceleration**

Units for acceleration are: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To calculate acceleration To calculate final velocity

A car goes from 2m/s to 24 m/s in 12 seconds Calculate its acceleration

A car traveling at 25km/hr accelerates at a rate of 3m/s for 10 seconds What is its final velocity?

**What is the acceleration due to gravity?**

**Force Mass Time**

Units for Force are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To calculate Force: To calculate acceleration:

A 60kg mass is moved with an acceleration of 6m/s Calculate the force

A 90N force is applied to a 45kg mass. Find out how fast the mass will accelerate at

Newtons Laws of Physics