



# Gravity

How much would you weigh on different planets?

Use this formula to calculate your weight:

$$\text{Weight} = \text{mass} \times \text{gravitational strength}$$

Your mass = ..... kg

If you don't know your mass, you could use the mass of one of the following:

average human mass: 65kg

bag of sugar: 1kg

football: 0.45kg

Object	Gravitational Strength (N/kg)	Weight (N)
Earth	10	
Moon	1.6	
Mars	3.8	
Venus	8.8	
Mercury	3.8	
Jupiter	25	
Saturn	10.4	
Neptune	13.8	
Uranus	10.4	