

<i>Name</i>	<i>Class or Group</i>	<i>date</i>



Use $g = 10 \text{ Nkg}^{-1}$ (Nkg^{-1}) unless stated otherwise.

1) Complete the values of gravity on other planets. Mercury has a gravity of 2.9 N/kg

<i>Planet</i>	<i>Mercury</i>	<i>Venus</i>	<i>Earth</i>	<i>Mars</i>	<i>Jupiter</i>	<i>Saturn</i>	<i>Uranus</i>
g in N/kg							

Write down your sources for this question.

.....

2) A shot-putt that is thrown in the Olympics has a mass of 7.26 kg.

Calculate its weight in : a) Helsinki where $g = 9.83 \text{ Nkg}^{-1}$

b) Nairobi where $g = 9.78 \text{ Nkg}^{-1}$. Show all working

.....

.....

.....

.....

.....

.....

.....

.....

.....

3) What is your mass in kg ?

Use the table that you have completed to find your weight on Venus. Show all working.

.....

.....

.....