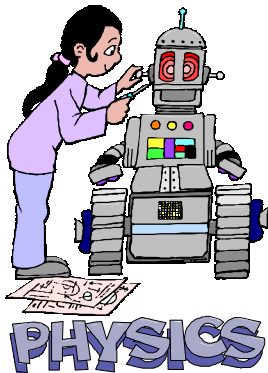


Science 9-Physics

Worksheet 3-1—Converting Mass to Force of Gravity



10

Name _____

Due Date _____

Show Me Hand In

Correct and Hand In Again By _____

The **Force of Gravity** on **1 kg** of mass is about _____ **Newtons**.

A **Mass** of _____ kg or _____ g has a **Force of Gravity** of **1 Newton**.

Fill in the spaces in the following table:

Mass in Grams	Mass in kg	Force of Gravity in Newtons
2000 g	kg	N
g	kg	30 N
g	5 kg	N
500 g	kg	N
g	30 kg	N
g	kg	800 N
25 000 g	kg	N
g	kg	1450 N
g	600 kg	N
0.50 g	kg	N
g	0.006 kg	N
g	kg	4000 N
850 g	kg	N
450 000 g	kg	N
g	kg	0.010 N
g	1 kg	N
g	kg	1 N