

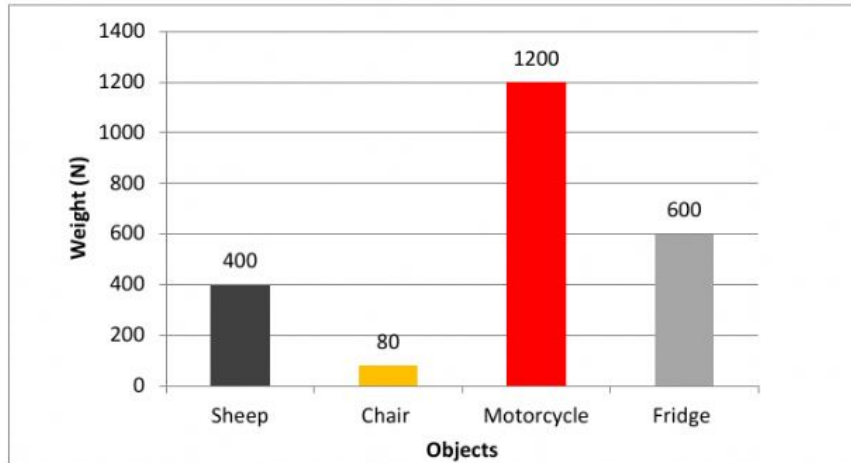
Name:
School:
Class:
Subject:
Grade 6
Science



Interactive Worksheet: Week 25/ Self-Learning Program

Exercise 1

The adjacent bar graph shows the weight of different objects where gravity g is 10N/Kg .



1- Complete the table (drag the numbers)

80	1200	600	400
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Object	Sheep	Chair	Motorcycle	Fridge
Weight (N)				

2- The mass of the sheep is

400 N - 400 Kg - 40 Kg

3- The weight of a horse of mass 300 Kg is:

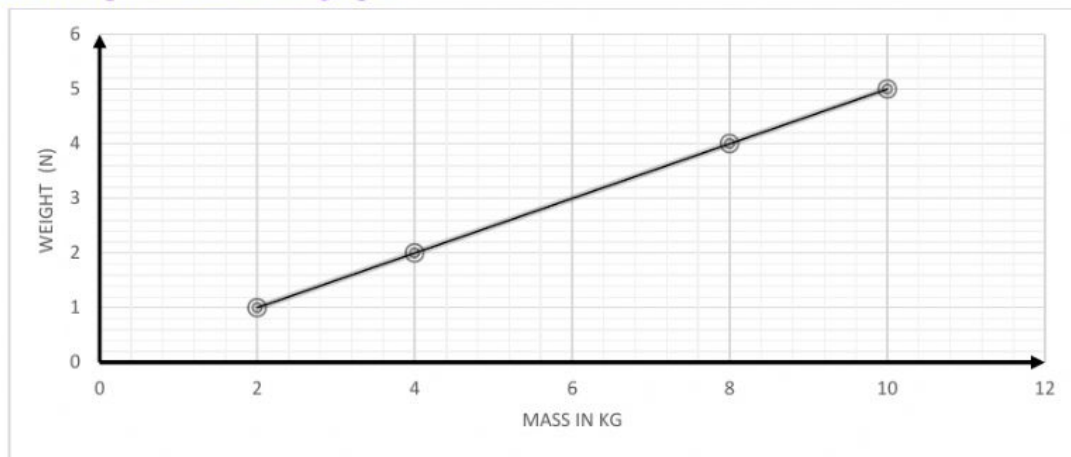
300 Kg - 300 N - 3000 N

4- Will the horse be represented by longer bar than the motorcycle on the bar graph?

longer bar - shorter bar

Exercise 2

We measured weights and masses of different objects in the same place on Pluto. The data were presented in the graph:



1- Complete the table with the missed data from graph. (Drag and drop)

10	1	8	2	5
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Mass (kg)	2	4		
Weight (N)			4	

2- The ratio $\frac{\text{Weight}}{\text{Mass}}$ of any object in the graph is:

0.5 - 2 - 5

3- The ratio $\frac{\text{Weight}}{\text{Mass}}$ represents:

mass - weight - gravity

Its unit is: **N - Kg - N/Kg**

4- The weight of a body of mass 6 Kg in the same place on Pluto is:

30 N - 6 N - 3 N