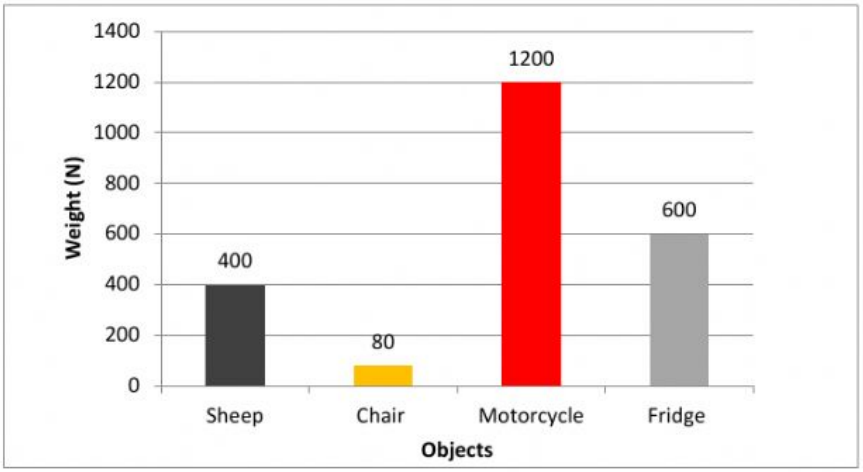
Name: .....
School: .....
Class: Grade 6
Subject: Science

برنامج التعلم الذاتي
Self-Learning Program

Intractive 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

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:

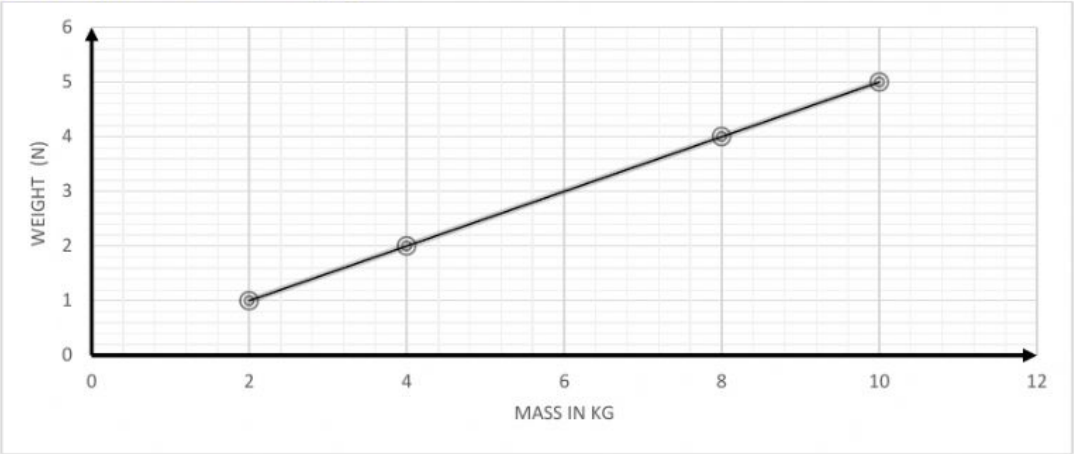
300 Kg - **300 N** - **3000 N**

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**

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