

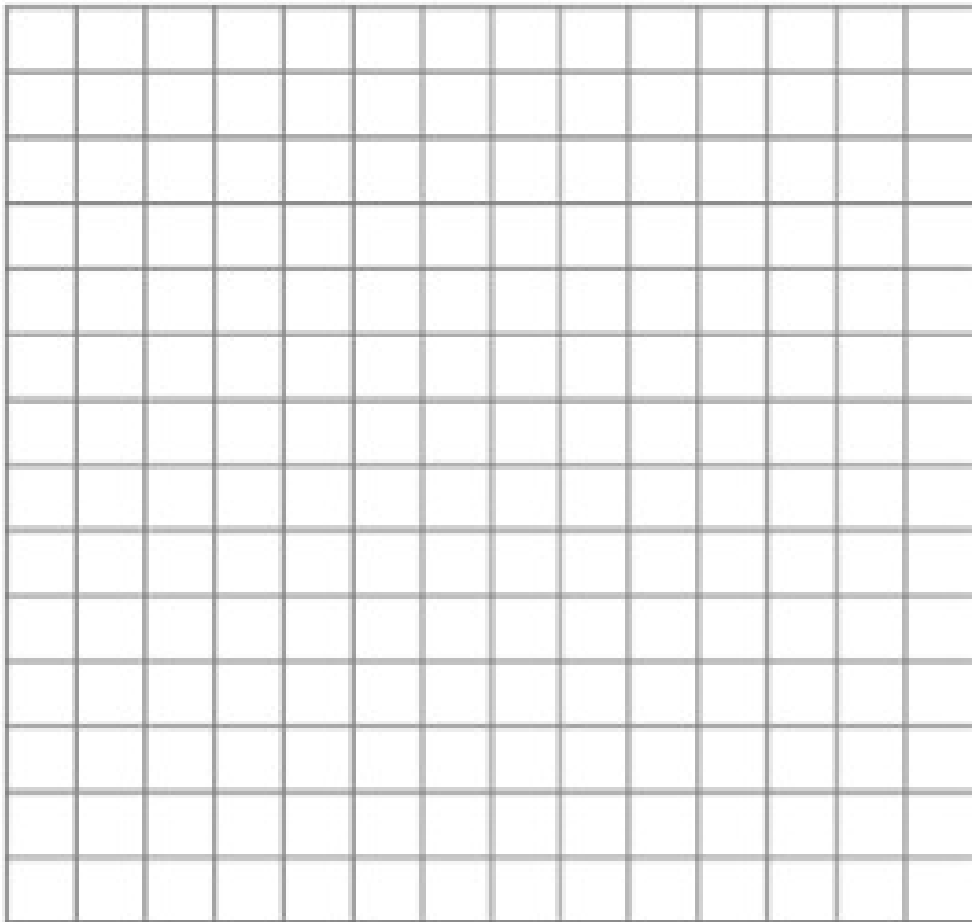
Mass vs Weight

The following data was collected using known masses and a spring balance.

The experiment was conducted on Planet X, where gravity is different from Earth.

Mass (kg)	0.1	0.2	0.3	0.4	0.5	0.6
Weight (N)	0.4	0.8	1.2	1.6	2.0	2.4

- a. Plot the data on the grid provided. Draw the line of best fit.



- b. An object has a weight of 0.6 N. Use your graph to estimate its mass.

- c. Is gravity on Planet X greater or less than on the surface of Earth? Explain.
