


CALCULATE YOUR WEIGHT ON OTHER PLANETS

 10-20 minutes

Materials

- Scale (or know your body weight)

Watch Lesson



Procedure

1. Weigh yourself and write down your weight.
 - a. Weight can be in any unit. Examples: kilograms (kg) OR pounds (lbs).
2. Calculate your weight on each planet using the equation and table below.

$$\begin{array}{|c|} \hline \\ \hline \text{_____ Surface Gravity} \\ \text{(Planet Name)} \end{array} \times \begin{array}{|c|} \hline \\ \hline \text{Your Weight} \\ \text{on Earth} \end{array} = \begin{array}{|c|} \hline \\ \hline \text{Your Weight on _____} \\ \text{(Planet Name)} \end{array}$$

Planet	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Surface Gravity	.38	.91	1.00	.38	2.36	1.07	.88	1.14