







What is the equation derived from the simple lever lab using machine nuts and a meter stick? 

When using a Pendulum, does the mass of the pendulum affect the period? 

When using a Pendulum, does the angle of pendulum release affect the period? 


When using a Pendulum, does the length of the pendulum string affect the period? 


When using a Pendulum, does a longer string give a longer or shorter period? 

Define:
The period of a pendulum. 

How many significant figures are in:
300.0 

How many significant figures are in:
300. 

True or False:
An atom is mostly empty space. 

True or False:
You are mostly empty space. 

No

$$\begin{aligned} \text{Mass} \times \text{Lever Arm} \\ = \\ \text{Mass} \times \text{Lever Arm} \end{aligned}$$

Yes

No
Well.....
Unless it is so steep that the
pendulum approaches
freefall prior to drawing an
arch.

The time it takes for a
pendulum to swing away and
return to near its starting
position.

Longer

3

Trailing zeros are significant
if the decimal point is
specified.

True

4

Trailing zeros are
significant if the decimal
point is specified.

True