

Pendulum lab

Data -
- enough points
- varied (short lengths)
- labelled
- details of setup

/4

Graph -
- title
- labels
- trendline
- Equations

/4

Questions -
Equation ?

Notes -

$$T = 2\pi \sqrt{\frac{l}{g}} \quad \text{8 difference}$$
$$T^2 = \frac{2\pi \times 2\pi l}{g} = 2.01 \frac{l}{g}$$

- "g" on planet

$$T^2 = \frac{4\pi^2 l}{g}$$

$$g = \frac{4\pi^2 l}{T^2}$$