

Worksheet 8: Newton's 2nd Law, Part II

Name: _____

Due November 6, 2024

Partner: _____

Pencil only: use of Pen is forbidden.

As usual, turn your Excel document into the Google drive, with one properly formatted plot of m_2 vs a .
Use proper formatting (like worksheet #0!) for EVERY NUMBER.

Since you also have to turn in a paper abstract, there aren't any discussion questions here.

Quantity	Result
L_{cart} (cm)	\pm
D [photogates] (cm)	\pm
m_{total} (g)	\pm
m_{clip} (g)	\pm
<i>intercept</i> (g)	\pm
<i>slope</i> ($\text{g}\cdot\text{s}^2/\text{cm}$)	\pm
μ_k	\pm
g_{calc} (cm/s^2)	\pm