

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

Name: _____

Due April 9, 2026

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 .

As usual, every number must be copied from Excel.

As usual, use proper formatting (like worksheet #0!) for EVERY NUMBER you write.

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