Data Table Newton's 2nd Law Experiment

This is a data table. It is not your results.

If you give this table as results you will be penalized 5 points.

This table is to be included in your lab data section.

Your results should have two parts:

Primary- A statement summarizing primary observations from plot of $\Sigma Forces\ vs.\ acceleration$ (Use equation Eq- 3 for plot)

Secondary- Compare mass of cart determined using triple beam balance & using slope from plot

Hanging	Cart mass	Calculated	Measured	%	calculated	measured	%	Friction	measured
Mass	(g)	Tension	Tension	differ	Acceleration	Acceleration	differ	Weight	Friction
(g)		(N)	(N)	[column 3 & 4]	(m/s^2)	(m/s^2)	[column 6 & 7]	(m _{frict} g) (N)	(from force probe) (N)
50 (1 st run)	1x mass cart								
100 (2 nd Run)	1x mass								
50 (3 rd run)	2 x mass								
100 (4 th run)	2x mass								