

## Work and Energy Auxilliary Items

### For the It's All Uphill Lab

(Tape the following into your Data section and complete.)

Data:

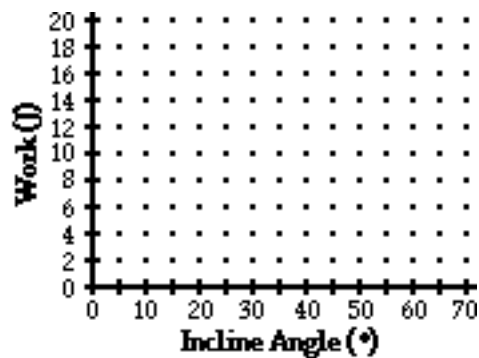
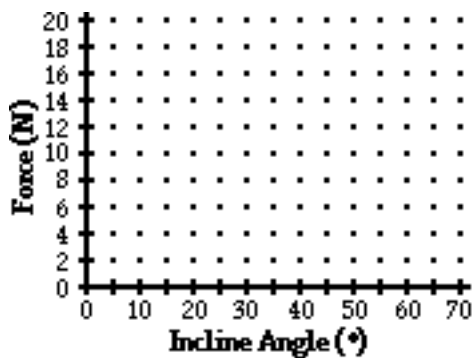
Mass of Cart = \_\_\_\_\_ kg

Height of Table Top = \_\_\_\_\_ m

Incline Angle (°)	Force (N)	Displacement (m)	Work (J)

Graph:

Construct a hand-plot of force vs. incline angle and work vs. incline angle. Sketch the best-fit line through the data.





### For the Energy on an Incline Lab

(Tape the following into your Data section and complete.)

Data:

Mass of Cart = \_\_\_\_\_ kg

	Position (m)	Speed of Cart (m/s)	Height of Cart (m)
A			
B			
C			
D			
E			

	PE (J)**	KE (J)**	TME (J)
A			
B			
C			
D			
E			

\*\* Indicates Please show your work in the cells of the table!!!

