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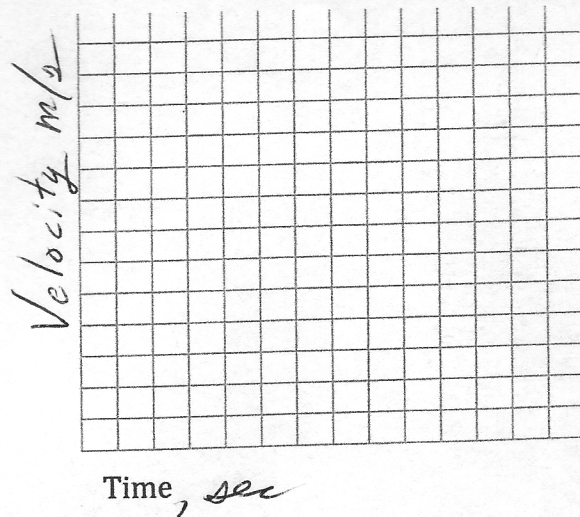
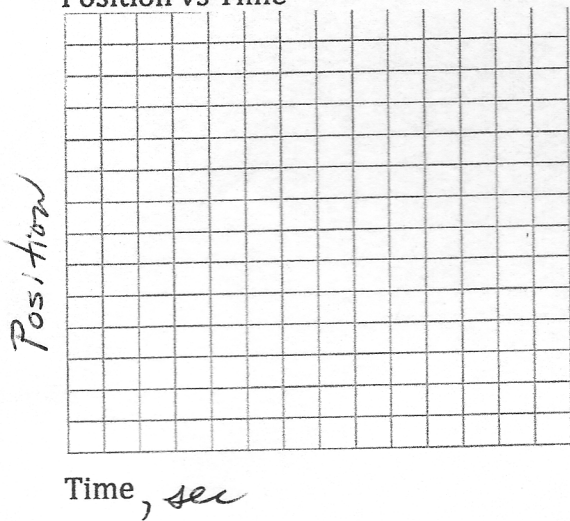
Cart-Ramp Lab Data and Conclusions

Draw your graphs for the Labquest of Position vs Time and Velocity vs Time in the spaces below.

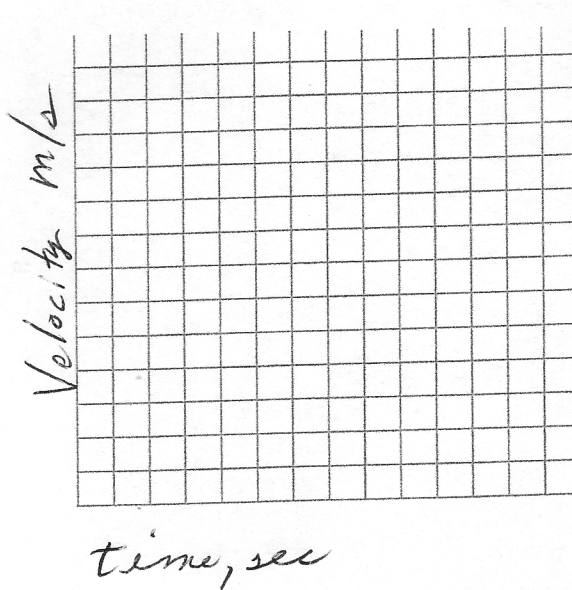
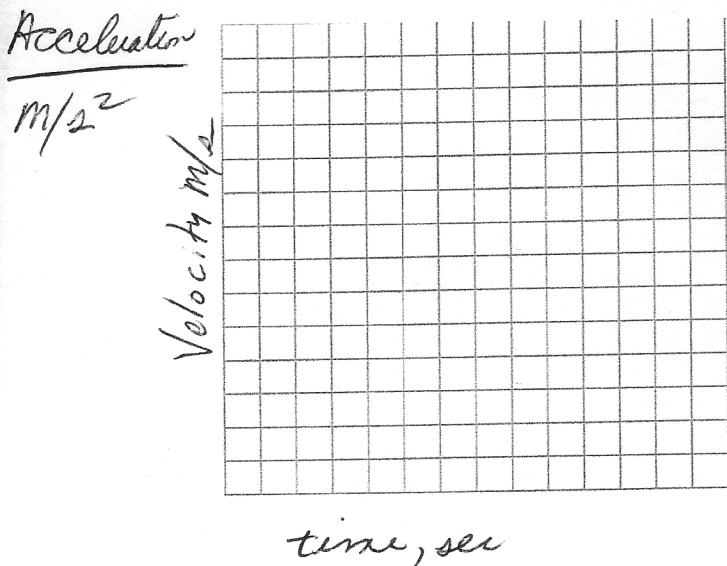
Record the time for the cart reaching the top of the ramp (velocity = 0) at the proper point on ALL graphs.

For velocity vs time plots, pick the time intervals at the middle of the ramp position going up and mid point going down. For example if the top of the ramp is reached in 2 secs, choose 1 and 3 secs to record a velocity and an acceleration for each of your Labquest data sets.

Position vs Time



Acceleration
 $\frac{m}{s^2}$



Acceleration
 $\frac{m}{s^2}$