Good Day!!!

- Take a look at the homework answers on the sides of the room.
- Put a hash mark(III not #) by the problem that you would like to see solved the most. Please pick only one.
- Grab a Whiteboard.

Lab Data Review

- You have a graph for the data for part 1: increasing hook mass.
- Draw an approximation of your best fit line on a whiteboard.
- What does this tell us about the relationship between the variables tested?

Part 2: Constant Hook Mass

- Many did not get to this part.
- I will do 3 trials and we will collect the data together and graph it.
- Record what you want on your data sheet. It is yours to use during the core.

Fg_{cart}-Acceleration

- What was the relationship?
- How do we know?
- What does this tell you about Newton's second law?

Homework Problem

Core Assessment

- You will not need a formulas sheet (you may have one if you want).
- You should only have a calculator and a pencil on your desks at this time.

Finished?

- Place the assessment in one of the folders on either side of you and lay it on the desk.
- Please be patient as others are finishing.
- Do not take out phones. Work for another class is okay.

Force of Friction on an Inclined Plane

- Knowns:
- Angle: 42.8 degrees
- Delta x: 200cm
- Vi=0m/s
- m=100g
- t=
- Unknowns:
- a=
- Fgl=
- Ff=