

Name: _____

Number: _____

Date: ____/____/____

Unit 5: Newtonian Mechanics –Linear Momentum

LAB: Impulse-momentum theorem

Objective: Analyze data to characterize the change in momentum of an object from the average force exerted on the object by an external source and the interval of time during which the force is exerted.

Hypothesis:

Background:

- On what principles did you base your hypothesis and your procedure?

Equipment:

Procedure:

Data Tables, Graphs, and Calculations: (Include an error analysis that will help you conclude about your hypothesis.)

Conclusion:

- What can you conclude? Justify your conclusion(s) with evidence.
- Were there errors? If so, account for them.