

## Linear Momentum

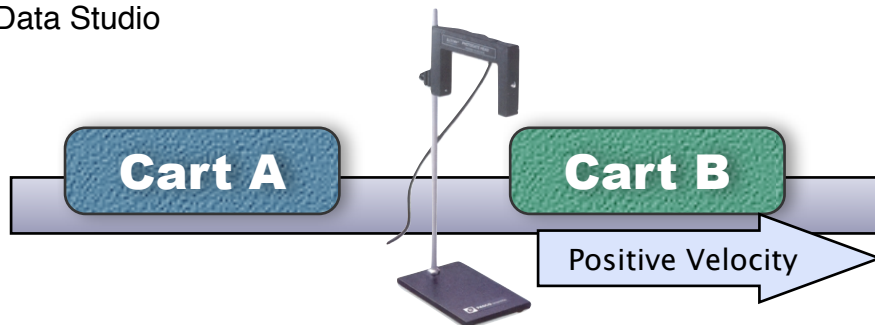
Name \_\_\_\_\_ Date \_\_\_\_\_

Complete the table below using Data Studio

$$p = mv$$

Momentum = Mass x Velocity

$$\text{kgm/s} = \text{kg} \times \text{m/s}$$



Trial	Description	$M_A$	$M_B$	$V_{AI}$	$V_{BI}$	$V_{AF}$	$V_{BF}$
1							
2							
3							
4							
5							
6							

### Calculations:

Calculate the initial and final momentum of each cart for each trial.

Compare the initial and final totals.

Trial	$P_{AI}$	$P_{BI}$	$P_{AF}$	$P_{BF}$	Initial P	Final P	Error %
1							
2							
3							
4							
5							
6							