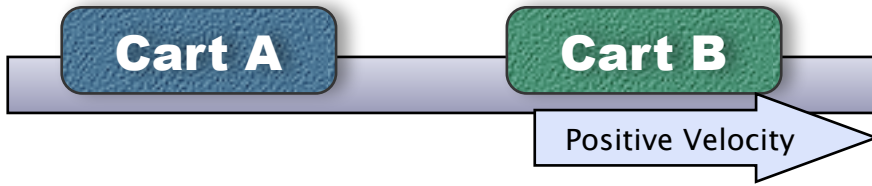


# Linear Momentum

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

Complete the table below using Logger Pro



$$p = mv$$

Momentum = Mass x Velocity  
 kgm/s = kg x m/s

	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
1						
2						
3						
4						
5						
6						