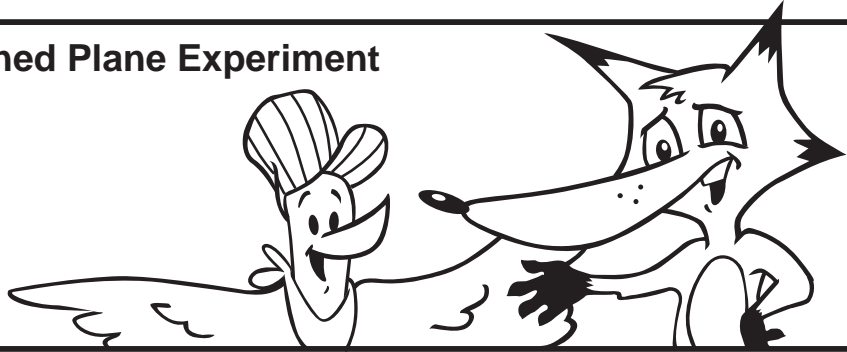




Inclined Plane Experiment

Name: _____

Date: _____



Data Sheet

MASSES:

BALL 1 _____ BALL 2 _____ BALL 3 _____

PART A

HEIGHT OF PLANE _____

	Ball 1	Ball 2	Ball 3
Distance 1			
Distance 2			
Distance 3			
Average Distance			

PART B

HEIGHT OF PLANE _____

	Ball 1	Ball 2	Ball 3
Distance 1			
Distance 2			
Distance 3			
Average Distance			

PART C

HEIGHT OF PLANE _____

	Ball 1	Ball 2	Ball 3
Distance 1			
Distance 2			
Distance 3			
Average Distance			

GRAPHING INSTRUCTIONS

1. Distance vs. mass – put distance on the horizontal axis and mass on the vertical axis. Use the scale suggested by your teacher. Plot a point for each ball's mass and average distance in Part A. Connect the dots. Label the line A. Do the same for Parts B and C. You should have 3 lines on the graph.
2. Distance vs. height of plane – Do the same as above only the height of the plane is on the vertical axis. Label lines as Ball 1, 2 and 3.