

Vame:			Date:
			Roll the Dice!
<u> Iaterial</u>	graph par	oer nt colored dice:	ponent White = Y component
. Place . Roll t . Plot t . Roll t . Starti . Repea . Add t . Using	X and Y axes of a dot at the original he dice. Record his point on the he dice again. It is a from the property of the total in the X a different cold sure the displace.	gin. This is your start the numbers on the graph paper. Record the X and Y evious point, plot the number plotted C column and the totor pencil or pen, Draement from the orig	distances on the data table.  distances on the data table.  e new position on the graph paper.  d 5 points on the graph paper. Connect the points.  cal in the Y column of the data table.  aw the line from the origin to the last point you plotted.
Data Tab		<b>V</b>	
Roll #	X component	Y component	Measured Displacement =
2			
3			Calculated Displacement =
4			
5			
Total			
2. Com	-	red displacement wi	ith the calculated displacement.
S	hould the value	s be equal?	Why? or why not?: