

Data for Rutherford Lab

DATA: *3.23*
Number of target marbles (n) 5 Width of opening (W) 31.00 cm

Rolls	Collisions	Rolls	Collisions
10	<u>2</u>	300	<u>110</u>
<i>times</i> 50	<u>21</u>	400	<u>192</u>
100	<u>47</u>	500	<u>255</u>
200	<u>85</u>		

Total number of marbles used in the lab. 7

Total distance for all marbles side by side. 11.00 cm

4.35