

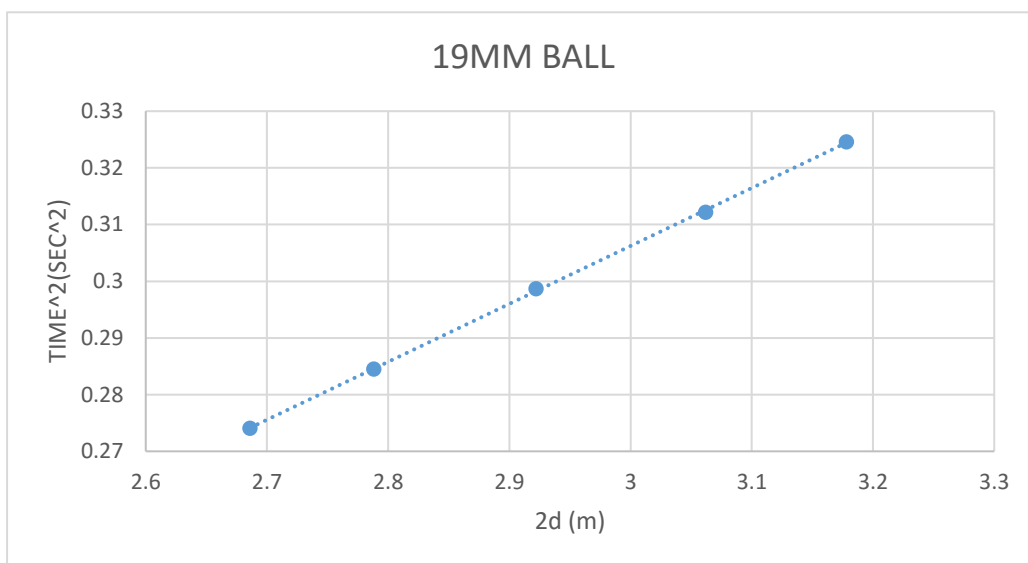
Trial (13mm)	1	2	3	4	5
Distance (m)	1.59	1.532	1.462	1.395	1.344
Time (s)	0.5699	0.5617	0.5475	0.5346	0.5256
2d (m)	3.18	3.064	2.924	2.79	2.688
Time ² (sec ²)	0.324786	0.315507	0.299756	0.285797	0.276255
$g = (2d/t^2)$	9.791062	9.711357	9.754592	9.762168	9.730128

average= 9.749862

Trial (19mm)	1	2	3	4	5
Distance (m)	1.589	1.531	1.461	1.394	1.343
Time (s)	0.5697	0.5587	0.5465	0.5334	0.5235
2d (m)	3.178	3.062	2.922	2.788	2.686
Time ² (sec ²)	0.324558	0.312146	0.298662	0.284516	0.274052
$g = (2d/t^2)$	9.791776	9.809522	9.783627	9.799113	9.801051

average= 9.797018

PERCENT ERROR= 0.372686



13MM BALL

