Exp 2: Determining the acceleration due to gravity

9.4

Sl no.	Distance (L.C = 0.1 cm)	Time (L.C = 0.001 s)	Avg. Time (s)	2d/t (cm/s)
1.	~~40.1~~ 30.3	1.) 0.255	~~0.255~~	
		2.) 0.256	~~0.256~~	
		3.) 0.255	0.255	237.6
		4.) 0.256	~~0.256~~	
		5.) 0.255	~~0.255~~	
2.	40.1	1. 0.293	0.293	273.7
		2. ~~0.293~~ 0.293		
		3. 0.294		
		4. 0.294		
		5. 0.293		
3.	50.0	1.) 0.326	0.326	306.7
		2.) 0.326		
		3.) 0.327		
		4.) 0.326		
		5.) 0.326		
4.	60.0	1. 0.357	0.357	336.1
		2. 0.357		
		3. 0.356		
		4. 0.358		
		5. 0.357		
5.	68.5	1. 0.380	0.380	360.5
		2. 0.380		
		3. 0.381		
		4. 0.380		
		5. 0.380		

9.2

0.2

9.4

19.08.24