

### How do you roll Lab

Item	Criteria	Points Pos.	Points Earned
Graphs	Two graphs per group, includes: down hill and up hill runs; run conditions; fit parameters, formulae	4	
Discussion (A): does the mass affect the motion? (each member of group submits individually)	Data table (labels, units, run conditions, fit parameters)	2	
	Discussion of the influence of mass	2	
	Explanation of physical meaning of fit parameters from graphs	2	
Discussion (B): does the angle affect the motion? (each member of group submits individually)	Data table (labels, units, run conditions, fir parameters)	2	
	Discussion of the influence of angle; which parameters affected?	2	
	How do the fit parameters depend on angle?	2	
Participation	Did you do the lab?	4	
	Total	20	