N	Name:	Student ID:					
	Physics 9HA DL #17 Lab	Report					
An	nswer all the questions below, and include explanations or calculations base.	ased on the data to backup your answers in each					
I.	Direct Measurement						
	1. Use the data to compute the moment of inertia of the ring.						
	2. Compute an estimate for the percentage uncertainty of the moment of inertia and record it below:						
	direct measurement: $I_{ring} = $	±%					
II.	Experiment						
	3. Use the data to determine the acceleration of the hanging weight.a. Part 1 (ring on cradle)						

b. Part 2 (cradle only)

4.	Compute the moment of calculation.	of inertia of the ring. E	xplain how the t	two parts of	the experiment p	lay a role in this		
5.	Compute an estimate for	the "weakest link" perc	entage uncertaint	v of the mom	ent of inertia.			
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		experiment:	$I_{ring} = \underline{\hspace{1cm}}$	±	%			
III. Co	nfirmation of Results							
6.	6. Compare the results, and determine whether they are in agreement to within uncertainties.							