AP Physics Lab Handout 11 "Atwood's Machine"				
Your Name:		Lab Partner(s	Lab Partner(s):	
Problem:	How do you determine Atwood Machine?	e the mass of a sma	ll washer using an	
Hypothesis:				
Materials:				
ring stand meter stick		ring clamp	pulley	
paper	clips	small washer	string	
stopw	vatch	balance	2	
Caution: (no special concerns)		П	
1. Rig up an Atwood machine using a low				
friction pulley, a ring stand,				
and a clamp as shown in the drawing.				
2. A light string should be run over the pulley Attach a paper clip to the two				
ends of the string. Add five large				
washe	washers to the paperclips on each side.			
The mass on each side should be balanced				
3. Measure and record the mass on each side.				
4. Take or	. Take one small washer and add it to one of			
the paper clips tied onto the string.				
using the Atwood Machine.				
6. Once you have calculated the mass of the				
small washer, measure it directly to				
7 May +bc	mine your percent e:	rror.		
			•	

Observations:

Data:

Diagram:

Conclusion:
