Honors Ph	ysics Chapt	er 8 Study Shee	t Name	# <b>:</b>
				nitude of N · m, cm wrench to loosen
<b>Drawing</b>	Given Info	Formula	Set-Up with Units	
				Answer
string tha a) <b>Calcu</b> when	t is connected late the magn	to a pivot point.  itude of the torque tes a0 an		ne end of a <b>m</b> long light rity) around this pivot point
21u**111g		1 orman	set op with omes	
				Answer
a) Where		saw should the pive	t on either end of a ot point be placed to en Set-Up with Units	<b>_m</b> long seesaw. nsure rotational equilibrium?
				Answer
end. The s	caffold weighs		m long. What is the	ed by a vertical rope at each e force in each rope when the
				Answer

5) A bucket fi a cylinder?			<b>kg</b> and is attached to a rope that is <b>ue</b> does the bucket produce around the cer	
Drawing	Given Info	Formula	Set-Up with Units	
			masskg is freely rotating at	rev/min. The
inward for	ce of		ssing a wet rag against the rim and exerting	g a radially
Drawing	Given Info		Set-Up with Units	
			Answer	
Drawing	ow much torqu Given Info	ie does the potte Formula	r apply to the wheel?  Set-Up with Units	
			Answer	
when it is	<b> m</b> . If the cor	net's speed at clo <b>the sun</b> if <b>angul</b>	nce from the sun changes dramatically, from osest approach is m/s, what is ar momentum is conserved?  Set-Up with Units	
			Answer	
height of _ ball when i	ball with a mas <b>m</b> an It <b>leaves the in</b>	d rolls down a	kg and a radius of m starts from slope. What is the translational	rest at a speed of the
Drawing	Given Info	Formula	Set-Up with Units	
			Angwar	