(a)	Outline TWO changes that could be made to the experimental procedure that would improve its accuracy.	2
	Repeat the experiment, making sure you	
	accurately measure the period.	
	Decide on an angular displacement from	
	the beginning with everyone using the same	016
(b)	Compare Kim's and Ali's methods of calculating g and identify the better approach.	3
	By using the table kim was able to get	
	an accurate mean value for g. whereou	
	by using a une of best jux, All may	
	have obtained as less accurate result	
	as her line of best pit may be	
	incorrect along with new graph measurement	ਓ _.
(c)	Calculate the value of g from the line of best fit on Ali's graph.	3
	$65.0.15 / 0.04 = 3.75$ $7 = 2\pi \sqrt{9}$ $3.75 = 2\pi \sqrt{9}$	
	1 981 - 21032 - 7	
	$q = 2\pi J =$	
	g= 2T \ \(\frac{3.15}{3.15}	
	: g= 12.2 m5 ² (1dp) = 12.16733603	

End of Question 16