

Gr:	First Name :	
	Last Name :	
	N°	

TP-5

Inclined plane Part 2

Experiment 1

Determination of « g »

1. The results obtained are presented in the following table:

$X(m)$	$0,50$					
$\alpha (^{\circ})$	5	10	15	20	25	30
$t (s)$						
$t^2 (s)$						
$x/t^2 (ms^{-2})$						
$Sin(\alpha)$						

Table 1

2. Plot the graph $\frac{x}{t^2}$ as a function of $\sin\alpha$, on graph paper.



