

Record your results in a table and include and complete a column for the mean value of the time for 10 oscillations. [5]

.....

.....

.....

.....

.....

.....

.....

.....

.....

- (c) (i) Using your results in part (b), complete the following table for  $T^2$  [where  $T$  is the period of **one** oscillation] against  $l$ , the length of the pendulum. [3]

length, $l$ (.....)	Mean time for 10 oscillations (.....)	Mean time for <b>one</b> oscillation, $T$ (.....)	$T^2$ (.....)