

# DATA SHEET

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Instructor: \_\_\_\_\_ Partners: \_\_\_\_\_

Swing Distance (cm)	Pendulum length $L$ (cm)	Time for $N$ oscillations (sec)	$T$ Average period for 1 oscillation (sec)	$T^2$ (sec <sup>2</sup> )	$g = 4\pi^2 L / T^2$ (cm/sec <sup>2</sup> )
$\pm 10$ cm	<i>long</i>	N = 1) $t =$ 2) $t =$ 3) $t =$			
$\pm 5$ cm	<i>long</i>	N = 1) $t =$ 2) $t =$ 3) $t =$			
$\pm 5$ cm	<i>medium</i>	N = 1) $t =$ 2) $t =$ 3) $t =$			
$\pm 5$ cm	<i>short</i>	N = 1) $t =$ 2) $t =$ 3) $t =$			

