

Raw Data Sheet

Student Name: _____

Team members:

1.- _____ 2.- _____

3.- _____ 4.- _____

Instructor: _____

Acceleration of Gravity

Record the frequency of the tape timer: _____ (Hz)

Follow the instructions in the **Measurements** part of section 2.1.2 of the lab manual, and record your measurements for both x_i and $\Delta x_i = x_i - x_{i-1}$ on the following table.

Time Index	x_i (cm)	Δx_i (cm)
0	0.00	—
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
—	—	sum =

Vector Addition of Forces

Follow the instructions in the **Experimentally** part of section 2.2.1 of the lab manual, and record your measurements for both the angle and the mass of the third string on the following table.

Case	θ (degrees)	mass (g)
1		
2		
3		