| Hanging Mass:                          | W = |
|--|-----|
| r =                                    |     |
| Length of wires:                       | _   |
| Number of strands on base: $N_1 =$     |     |
| Number of strands on balance: $N_2 = $ |     |
| Current measurements:                  |     |

Best value: I = \_\_\_\_\_A

Determine theoretical force & its uncertainty: