



STUDENT CODE

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EXPERIMENT

1

APPARATUS NUMBER

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write here

Part 1:

$$\theta = \pi \text{ radians}$$

M'_p = Mass in the pan

ΔM_p is the worst case uncertainty in M_p .

Obs. No.	M_w/g	M'_{p-}/g	M'_{p+}/g	M'_p/g	$\Delta M_p/g$

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Graph: _____ vs _____

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STUDENT CODE

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EXPERIMENT

1

Part 1:

$$M_w = 800.0 \text{ g,}$$

$$M_{\text{pan}} = \underline{\hspace{2cm}}$$

M'_p = Mass in the pan

Obs. No.	θ /rad	M'_{p-} /g	M'_{p+} /g	M'_p /g	ΔM_p /g

Graph:

1. _____ vs _____

2. _____ vs _____

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EXPERIMENT

1

Part 1:

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EXPERIMENT

1

Part 1:

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The Relation:

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$\mu = \text{_____} \pm \text{_____}$

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EXPERIMENT

1

Part 2:

$$\theta = \pi$$

The equations used to determine M_u and μ_u :

Observations:

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EXPERIMENT

1

Part 2:

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$$M_u = \text{_____} \pm \text{_____}$$

$$\mu_u = \text{_____} \pm \text{_____}$$

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