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| |  |  |  | | --- | --- | --- | | **Worksheet for Lab on Force and Acceleration** | **Name** |  | |  |  |  | |  | **Date** |  | |
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| |  |  |  | | --- | --- | --- | |  | **Partner #1** |  | |  |  |  | |  | **Partner #2** |  | |
| Hand in the following items: |
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| 1. This cover sheet, filled out, with the following printouts stapled after that: |
| 2. Table and graph of for the experiment done using about 200 grams of slotted masses. |
| 3. Show your calculation of 𝑔 here: |
|  |
| |  |  |  | | --- | --- | --- | |  | **Total mass** |  | |  |  |  | |  | **Slope of :** |  | |
|  |
| Please show the steps for the calculation of g: |
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| **OVER 🡺** |
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| 4. Table and graph of for the experiment done using about 300 grams of slotted masses. |
| 5. Show your calculation of 𝑔 here: |
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| |  |  |  | | --- | --- | --- | |  | **Total mass** |  | |  |  |  | |  | **Slope of :** |  | |
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| Please show the steps for the calculation of g: |
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| 6. Compare with known acceleration of gravity |
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| Calculate the %difference for each determined value of g. Use accepted value of |
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