In order to retake the Unit I exam, students must fulfill the requirements of the preparatory work listed.

1. You must write explanations of the first 6 labs that were done in class. Write a paragraph about each lab that includes the required information in the checklist. Each paragraph must contain good grammar, spelling, and punctuation. Below is a checklist to help you write about them. Make sure to include each item in the checklist for each lab.

These must be type-written, printed, and copies turned in.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | LAB | Name | Procedure | Expected Results | Actual Results | Class Histogram | Conclusion based on histogram | Based on the data, was the class conclusion correct ? Why or why not? | How did this lab change/add to the particle model? |
|  | Mass of Steelwool lab󠄌  |  |  |  |  |  |  |  |  |
|  | Mass of Ice and Water Lab |  |  |  |  |  |  |  |  |
|  | Mass of Precipate lab |  |  |  |  |  |  |  |  |
|  | Mass of burning steel wool lab |  |  |  |  |  |  |  |  |
|  | Mass of dissolved sugar lab |  |  |  |  |  |  |  |  |
|  | Mass of Alka-Seltzer lab |  |  |  |  |  |  |  |  |

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| --- | --- |
|  | Graphing metal mass vs. volume by fluid displacement LAB |
|  | Describe how you did the lab |
|  | What were the results? (graph) |
|  | Explain the meaning of the slope of the line |
|  | Write the equation of the line |
|  |  How did this lab change and/or add to the particle model? |
|  | Unit 1 Worksheet 1 (print in media center and satisfactorily complete) |
|  | Unit 1 Worksheet 2 (print in media center and satisfactorily complete |
|  | Unit 1 Worksheet 3 (print in media center and satisfactorily complete) |
|  | Unit 1 Worksheet 4 (print in media center and satisfactorily complete) |
|  |  |
|  | On a separate sheet of paper: |
|  | Draw equal volumes of water as a solid, liquid, and gas |
|  | Draw equal volumes of any metal as a solid, liquid, and gas. |
|  | Draw a graduated cylinder (with increments of 1 ml) with 20 ml of water in it. Then draw the new water level when an object with a mass of 25g and 7 cm­3 is dropped into it. |
|  | Solve: A 13.4 g piece of pure gold was rolled out into a thin sheet measuring 22.0cm x 31.0cm. Calculate the thickness of the sheet of gold. Show your work. Use labels. |
|  | Describe the relationship between a cubic centimeter and milliliter. |
|  | Using dictionary.com, write the definition of the Law of Conservation of Mass. |