**Milk Protein: We Drink That Solid?**

**Report Sheet**

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| I. **Density of Milk** | \*\*All numbers in this table MUST include units for full credit. |
| 1. Mass of empty plastic beaker | 19.9 grams |
| 1. Volume of milk added to beaker | 50 ml |
| 1. Mass of milk + beaker | 69.4 grams |
| 1. Mass of milk | 49.5 grams |
| 1. Density of milk (=mass/volume) | 0.99 grams per ml |
|  |  |
| II. **Casein Content of Milk** |  |
| 1. Brand name of milk | Food Lion Brand Skim Milk |
| 1. Volume of milk used | 240 ml |
| 1. Mass of milk used (calculate using density above) | 237.6 grams |
| 1. Grams of protein on the product 2. label | 8 grams per 1 cup  32 grams in the quart of milk I bought |
| 1. Mass of empty weighing boat | 1.8 grams |
| 1. Mass of casein and weighing boat | 45.9 grams |
| 1. Mass of casein | 44.1 grams |
| 1. The percentage of casein in the milk sample = mass of casein x 100   mass of milk | 44.1 grams/ 49.5 grams x 100  89.1% |

**PASTE your photo below:**





