**Solutions to make for Lab#3**

Solution #1 Solution #2 Solution #3 Solution #4

11.03 g of 2.94 g of 7.35 g of 1.47 g of

CaCl2 in CaCl2 in CaCl2 in CaCl2 in

100.00 ml water 100.00 ml water 100.00 ml water 100.00 ml water

**Prelab #3**

Read pages 29-32 in lab book

Then read the practice procedure on pages 33-34. Use the data table below to answer questions 1-3, 5,6 on page 34

|  |  |
| --- | --- |
| Mass of CaCl2 | 2.0291 g |
| Mass of Na2CO3 | 2.0172 g |
| Mass of filter paper | 0.3425 g |
| Mass of watch glass | 30.3461 g |
| Mass of watch glass, filter paper, dried ppt (#1) | 32.5761 g |
| Mass of watch glass, filter paper, dried ppt (#2) | 32.5140 g |

**Video Lecture on Grahams Law and Deviations From Ideal Gas Behavior**

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