Answers to practice problems in page 322

Answers to Practice Problems H

1. 33 g Na
2. 40.9 g Fe_2O_3
3. 121 g $NaHCO_3$
4. a. 168 g $NaHCO_3$
   b. 1.20×10^2 g $HC_2H_3O_2$

Homework ——— GENERAL

Additional Practice

1. How many grams of NaN_3 are needed to fill an air bag with 23.6 L of N_2 (density = 0.92 g/L)? Ans. 33.6 g NaN_3

2. How many grams of $NaHCO_3$ and acetic acid, CH_3COOH, would be needed to inflate an air bag to a volume of 65.1 L when CO_2 gas has a density of 2.68 g/L? The other products are sodium acetate and water. Ans. 333 g $NaHCO_3$, 238 g CH_3COOH

LS Logical