

Solutions

Answers

Worksheet A

- A. 1. b, c, d 2. b, c 3. ~~c, d~~ 4. ~~b, e~~ 5. a
 B. 1. 23.1 mm Hg 2. 100.85°C 3. -3.03°C 4. ~~26.9 atm~~
 C. 182 g/mol

Worksheet B

- A. 1. a. $\text{Al}(\text{NO}_3)_3$ b. $\text{C}_6\text{H}_{12}\text{O}_6$, $\text{C}_2\text{H}_5\text{OH}$ c. $\text{C}_6\text{H}_{12}\text{O}_6$, $\text{C}_2\text{H}_5\text{OH}$
 d. $\text{Al}(\text{NO}_3)_3$ ~~e. $\text{Al}(\text{NO}_3)_3$~~
 2. a. GT b. LT c. MI d. GT e. MI
 3. e
 B. 100.80°C
 C. 1. 1.16 g/mL 2. 2.25%

Last page (from worksheet C)

C. 139 g/mole

D. ① $\chi_{\text{NaOH}} = 0.153$

② 9.26 M

③ 28.6% NaOH