## Answers to Practice Problems in Page 245.

Answers to Practice<br>Answers to Practice<br>Problems H<br>1. $\mathrm{C}_{6} \mathrm{H}_{6}$<br>2. $\mathrm{C}_{3} \mathrm{H}_{6} \mathrm{O}_{3}$<br>3. $\mathrm{NO}_{2}$

## Homework General

Additional Practice Determine the molecular formula for each of the following compounds:

1. Molar mass: $232.41 \mathrm{~g} / \mathrm{mol}$; empirical formula: OCNCl Ans. $\mathrm{O}_{3} \mathrm{C}_{3} \mathrm{~N}_{3} \mathrm{Cl}_{3}$
2. Molar mass: $32.06 \mathrm{~g} / \mathrm{mol}$; empirical formula: $\mathrm{NH}_{2}$ Ans. $\mathrm{N}_{2} \mathrm{H}_{4}$
3. Molar mass: $120.12 \mathrm{~g} / \mathrm{mol}$; empirical formula: $\mathrm{CH}_{2} \mathrm{O}$ Ans. $\mathrm{C}_{4} \mathrm{H}_{8} \mathrm{O}_{4}$
LS Logical
