

Name: _____

Date: _____

1. Which pair of formulas represents the empirical formula and the molecular formula of a compound?

- A. CH_2O , $\text{C}_4\text{H}_6\text{O}_4$ B. CHO , $\text{C}_6\text{H}_{12}\text{O}_6$
C. CH_4 , C_5H_{12} D. CH_2 , C_3H_6

2. Which represents both an empirical and a molecular formula?

- A. P_2O_5 B. N_2O_4
C. C_3H_6 D. $\text{C}_6\text{H}_{12}\text{O}_6$

3. Which compound has the empirical formula CH_2O ?

- A. CH_3OH B. $\text{CH}_3\text{CH}_2\text{OH}$
C. HCOOH D. CH_3COOH

4. Which is an empirical formula?

- A. H_2O_2 B. N_2O_4 C. C_6H_6 D. HCl

untitled 11/21/2016

1.
Answer: D
2.
Answer: A
3.
Answer: D
4.
Answer: D