Finding the empirical formula

Example: What is the empirical formula of H₂O₂?

Answer: Divide everything by the smallest number in the formula – in this case 2. Dividing through by 2 gives HO.

TASK: Find the empirical formulas of the following:

- 1. C₆H₆ CH
- C₆H₁₂O₆ CH₂O
- 3. C₄H₈ CH₂
- 4. H₂O H₂O
- 5. H₄C₄O₈ H₂C₂O₄
- 6. P₄O₁₀ P₂O₅

- 7. Ca(OH)₂ CaO₂H₂
- 8. (NH₄)₂CO₃ N₂H₈CO₃
- 9. $Mg(NO_3)_2$ MgN_2O_6

Empirical And Molecular Formula 3

Charles Henrickson

Empirical And Molecular Formula 3:

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