# Finding the empirical formula

Example: What is the empirical formula of H<sub>2</sub>O<sub>2</sub>?

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. C<sub>6</sub>H<sub>6</sub> CH
- C<sub>6</sub>H<sub>12</sub>O<sub>6</sub> CH<sub>2</sub>O
- 3. C<sub>4</sub>H<sub>8</sub> CH<sub>2</sub>
- 4. H<sub>2</sub>O H<sub>2</sub>O
- 5. H<sub>4</sub>C<sub>4</sub>O<sub>8</sub> H<sub>2</sub>C<sub>2</sub>O<sub>4</sub>
- 6. P<sub>4</sub>O<sub>10</sub> P<sub>2</sub>O<sub>5</sub>

- 7. Ca(OH)<sub>2</sub> CaO<sub>2</sub>H<sub>2</sub>
- 8. (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub> N<sub>2</sub>H<sub>8</sub>CO<sub>3</sub>
- 9.  $Mg(NO_3)_2$   $MgN_2O_6$

# **Empirical Formula Packet Answers**

**M** Mosston



This book delves into Empirical Formula Packet Answers. Empirical Formula Packet Answers is an essential topic that needs to be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and indepth insights into Empirical Formula Packet Answers, encompassing both the fundamentals and more intricate discussions.

- 1. This book is structured into several chapters, namely:
  - Chapter 1: Introduction to Empirical Formula Packet Answers
  - Chapter 2: Essential Elements of Empirical Formula Packet Answers
  - Chapter 3: Empirical Formula Packet Answers in Everyday Life
  - Chapter 4: Empirical Formula Packet Answers in Specific Contexts
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- 2. In chapter 1, the author will provide an overview of Empirical Formula Packet Answers. The first chapter will explore what Empirical Formula Packet Answers is, why Empirical Formula Packet Answers is vital, and how to effectively learn about Empirical Formula Packet Answers.
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- 6. In chapter 5, this book will draw a conclusion about Empirical Formula Packet Answers. This chapter will summarize the key points that have been discussed throughout the book.
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