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Name _____

UNIT 1 LEARNING GUIDE – REACTION RATES

Preclass Review

When it comes to, complete the following questions as you work through the course content. Write up all your work and explanation for the answer. Do your best and remember to explain if there is something that you don't understand.

When you get the Personal Sheet and hand in the rest of the course, this will need filling in completely and sent!

1.1 Reaction Rates Overview

Objectives

1. Why reaction rates are important and how to calculate them

Reaction rate is the change in concentration of a reactant or product over time.

2. What are the factors that affect reaction rates?

at room temp

at different temp

at the beginning of the reaction (initial rate)

How do you know if a reaction is reversible or irreversible?

Reversible: $A \rightleftharpoons B$ Irreversible: $A \rightarrow B$

3. What is the difference between a reaction rate and a rate constant?

Rate is a measure of the change in concentration of a reactant or product over time.

4. How do you calculate the rate of a reaction?

Rate = $\frac{\Delta[\text{A}]}{\Delta t}$

Rate = $\frac{\Delta[\text{B}]}{\Delta t}$

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Reaction Rates Learning Guide Answers

Yicheng Fang



Reaction Rates Learning Guide Answers:

Whispering the Secrets of Language: An Mental Journey through **Reaction Rates Learning Guide Answers**

In a digitally-driven world where screens reign supreme and immediate transmission drowns out the subtleties of language, the profound secrets and mental subtleties hidden within phrases usually go unheard. However, nestled within the pages of **Reaction Rates Learning Guide Answers** a captivating literary treasure pulsating with natural thoughts, lies an extraordinary journey waiting to be undertaken. Penned by a skilled wordsmith, that wonderful opus invites readers on an introspective trip, gently unraveling the veiled truths and profound affect resonating within the fabric of each word. Within the mental depths of this emotional evaluation, we shall embark upon a heartfelt exploration of the book is core styles, dissect their captivating writing type, and yield to the strong resonance it evokes strong within the recesses of readers hearts.

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