

## pH Practice Worksheet

- 1) What is the pH of a solution that contains 25 grams of hydrochloric acid (HCl) dissolved in 1.5 liters of water?
  
  
  
  
  
  
  
  
  
  
- 2) What is the pH of a solution that contains 1.32 grams of nitric acid (HNO<sub>3</sub>) dissolved in 750 mL of water?
  
  
  
  
  
  
  
  
  
  
- 3) What is the pH of a solution that contains 1.2 moles of nitric acid (HNO<sub>3</sub>) and 1.7 moles of hydrochloric acid (HCl) dissolved in 1000 liters of water?
  
  
  
  
  
  
  
  
  
  
- 4) If a solution has a [H<sup>+</sup>] concentration of  $4.5 \times 10^{-7}$  M, is this an acidic or basic solution? Explain.
  
  
  
  
  
  
  
  
  
  
- 5) An acidic solution has a pH of 4. If I dilute 10 mL of this solution to a final volume of 1000 mL, what is the pH of the resulting solution?

# Ph Practice Problems With Answers

**Scott C. Dulebohn**



## **Ph Practice Problems With Answers:**

## **Ph Practice Problems With Answers Book Review: Unveiling the Power of Words**

In a global driven by information and connectivity, the power of words has become more evident than ever. They have the capability to inspire, provoke, and ignite change. Such is the essence of the book **Ph Practice Problems With Answers**, a literary masterpiece that delves deep in to the significance of words and their affect our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall impact on readers.

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