

Guided Practice - Acids & Bases**Properties of Acids and Bases**

1. Match the following terms with their descriptions:

- | | | |
|------------------------|-------|---|
| a. Arrhenius Acid | _____ | the substance formed when a proton is added to |
| b. Arrhenius Base | _____ | the remaining substance when a proton is lost |
| c. Conjugate Acid | _____ | from an acid |
| d. Conjugate Base | _____ | a substance that produces OH ⁻ in solution |
| e. Bronsted-Lowry Acid | _____ | a substance producing H ⁺ in solution |
| f. Bronsted-Lowry Base | _____ | a proton acceptor |
| | | a proton donor |

2. Which of the following represent conjugate acid-base pairs? Label each species as a conjugate acid or a conjugate base. For those pairs that are NOT conjugates, write the correct conjugate acid or base for each species in the pair, labeling each species correctly.

- HSO_4^- ; SO_4^{2-}
- HBr ; BrO^-
- H_3PO_4 ; PO_4^{3-}
- H_2O ; HO^-

3. Complete the following table regarding acid strength.

Property	Strong Acid	Weak Acid
Definition		
Describe Dissociation		
Species present in solution		
Relative strength of conjugate base compared to water		
Equation showing acid's reaction to water		

Chapter 20 Acids And Bases Answer Key

RD Boyd



Chapter 20 Acids And Bases Answer Key:

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Chemistry Theodore Lawrence Brown, 1988

Journal of the Society of Chemical Industry Society of Chemical Industry (Great Britain), 1883

Watts' Dictionary of Chemistry, Revised and Entirely Rewritten Henry Watts, 1905

Exploring the Physical Sciences Willard J. Poppy, Leland L. Wilson, 1965

[The Textile Mercury](#), 1889

General Inorganic Chemistry Mayce Cannon Sneed, 1926

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Instructor's Manual, General Chemistry, Second Edition Becker, Ralph Sherman

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