

Chapter 19 Directed Reading for Content Mastery

Section 1 - Metals

Section 2 - Nonmetals

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| 1. Hydrogen | 6. Ductile |
| 2. Bromine | 7. Malleable |
| 3. Transition | 8. Halogens |
| 4. Diatomic | 9. Noble gases |
| 5. Fluorine | 10. Nonmetals |

Section 3 - Mixed Groups

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| 1. 16; nonmetal; paint | 7. Metalloids |
| 2. 14; metalloid; sand, rock, soil | 8. Allotropes |
| 3. 13; metalloid; boron | 9. Transuranium |
| 4. 16; nonmetal; multivitamin | 10. Carbon |
| 5. 14; nonmetal; coal, oil, natural gas | 11. Nitrogen |
| 6. 13; metal; siding on buildings | |

Overview - Elements and Their Properties

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| 1. Lanthanide | 3. Allotropes | 5. Salts | 7. Alkali |
| 2. Metalloids | 4. Metals | 6. Noble gases | 8. Hydrogen |

Key Terms - Elements and Their Properties

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| 1. Diatomic | 5. Metals | 9. Ductile |
| 2. Transition | 6. Semiconductor | 10. Allotropes |
| 3. Metallic bonding | 7. Nonmetals | 11. Radioactive |
| 4. Malleable | 8. Transuranium | 12. Metalloids |