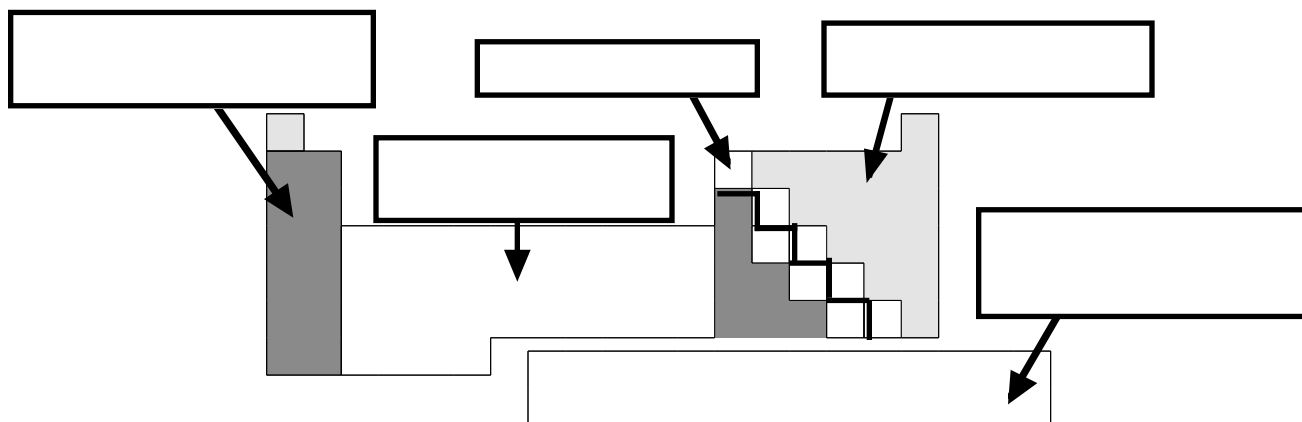


Site: **CHEMystery** (Listed on the **Matter & Atoms** page of the **Kid Zone** at <http://sciencespot.net>)

Click the "Visit Site" link if needed and then find the Periodic Table of the Elements section (see the menu on the left side of the page) to help you label this diagram.



Site: **Chemical Elements.com** (Listed on the **Periodic Table Sites** page of the **Kid Zone**)

Use the menu on the left side of the page for links for the element groups to help you complete this section.

1. Where are metalloids found on the periodic table? \_\_\_\_\_
2. Which elements are metalloids? List their symbols. \_\_\_\_\_
3. What are two uses for metalloids? \_\_\_\_\_
4. Where are noble gases found on the periodic table? \_\_\_\_\_
5. Which elements are classified as noble gases? List their symbols. \_\_\_\_\_
6. Which elements are classified as nonmetals? List their symbols. \_\_\_\_\_
7. What does the term "halogen" mean? \_\_\_\_\_
8. Which elements are classified as halogens? List their symbols. \_\_\_\_\_
9. Where do you find the transition metals on the periodic table? \_\_\_\_\_
10. What is unique about the location of the valence electrons in the transition metals? \_\_\_\_\_

**Done? Try the *Element Games!*** →  
 Go to the *JLab Games & Puzzles* site listed  
 on the *Periodic Table Sites* page of the *Kid Zone*.

Element Games
<a href="#">Element Flash Cards</a> - Learn the names and symbols of the elements!
<a href="#">Element Math Game</a> - Calculate the number of protons, neutrons or electrons in an atom based on information from the <a href="#">Periodic Table of Elements!</a>
<a href="#">Element Hangman</a> - Discover which element the computer has picked by guessing the letters in its name!
<a href="#">Element Crossword Puzzles</a> - Use the clues provided to solve each crossword puzzle!
<a href="#">Element Concentration</a> - Challenge your memory and your knowledge of the elements!
<a href="#">Element Matching Game</a> - Match an element's name to its symbol!