

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Periodic Table Scavenger Hunt

Search your periodic table for the answers to these questions.

- Silicon     1. Which element is number 14 on the periodic table?  
    Cf     2. What is the element symbol for californium?  
    83     3. How many protons are in an atom of bismuth?  
    Noble Gas     4. To which element group does argon belong?  
    Cadmium     5. Which element would you expect to have a higher mass:  
cadmium or zinc?  
    12.01     6. What is the atomic mass of carbon?  
    Lanthanides     7. What do you call the element series from atomic number 57-71?  
    Gold     8. Which element has a symbol that starts with a letter different  
from the first one in its name: aluminum, copper, gold,  
rhenium?  
    Hydrogen     9. Which element has the lowest atomic mass?  
    Ruthenium     10. What is the first element with an atomic mass greater than 100?  
    Aluminum     11. What is the first basic metal on the periodic table?  
    False     12. True or false: Tin and antimony are in the same element group.  
    Francium     13. What is the heaviest alkali metal?  
    12     14. How many protons are in an atom of magnesium?  
    Silicon     15. Which of the following is not a nonmetal: sulfur, oxygen, silicon,  
nitrogen?  
    Tungsten     16. What is the name of the element with the symbol W?  
    Palladium     17. Which element has an atomic mass of 106.42?  
    Halogen     18. Astatine belongs to which element group: nonmetal, halogen,  
noble gas?  
    Barium     19. What is the element with the symbol Ba?  
    J or Q     20. Name a letter never used in any element symbol?