**Periodic Table Scavenger Hunt**

Search your periodic table for the answers to these questions.

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