

Check for Understanding: Using the Periodic Table

Use the periodic table to help you answer the questions below:

1. How many protons does each of the following elements have?

Be _____ Si _____ N _____ Zn _____ Cu _____ Au _____ Fe _____ He _____

2. What is the chemical symbol for each of the following?

Lithium _____ Fluorine _____ Sodium _____ Mercury _____ Lead _____

3. What is the name of each of the following?

Ni _____ K _____ Co _____
S _____ Po _____ Sn _____

4. How many electrons does each of the following have?

Pb _____ Cr _____ Hg _____ Al _____ Na _____ P _____

5. What is the rounded atomic weight (mass number) of each of the following?

Ar _____ Rn _____ C _____ Br _____ Ag _____ N _____ He _____

6. How many neutrons does each of the following elements have?

P _____ Rb _____ U _____ Cl _____ Bi _____ Pt _____

7. To which family does each of the elements belong?

K _____ C _____ S _____ Sr _____ Se _____ Ne _____ Ga _____

8. In which period is each of the elements located?

H _____ Si _____ As _____ Kr _____ Ne _____ Be _____

9. Which of these would most likely combine in a chemical reaction?

a) Mg + Cl b) Na + K c) S + Ne d) O + Ne