

Valence Electrons

Valence electrons are the electrons in the outermost energy level. The maximum number of valence electrons is 8. Determine the number of valence electrons in each of the following atoms:

1. Fluorine (F) _____
2. Phosphorus (P) _____
3. Calcium (Ca) _____
4. Nitrogen (N) _____
5. Iron (Fe) _____
6. Argon (Ar) _____
7. Potassium (K) _____
8. Helium (He) _____
9. Magnesium (Mg) _____
10. Sulfur (S) _____
11. Lithium (Li) _____
12. Zinc (Zn) _____
13. Carbon (C) _____
14. Iodine (I) _____
15. Oxygen (O) _____
16. Barium (Ba) _____
17. Aluminum (Al) _____
18. Hydrogen (H) _____
19. Xenon (Xe) _____
20. Copper (Cu) _____