

Name \_\_\_\_\_

# Atomic Numbers

## Answer Key

1. The element with the symbol Fe is iron.
2. There are eight elements in the third period.
3. The atomic number of nitrogen is 7.
4. Sodium has one valence electron.
5. The element with the lowest atomic mass is hydrogen (H).
6. The electron configuration of chlorine is  $1s^2 2s^2 2p^6 3s^2 3p^5$ .
7. Iodine-131 has 53 protons and 78 neutrons.
8. Fluorine (F) has the highest electronegativity value among the elements.
9. The element with 35 protons is bromine (Br), with an atomic number of 35.
10. There are seven periods in the periodic table.