

CHAPTER 1 REVIEW

Matter and Change

SECTION 3: Elements

Answer the following questions by choosing the correct option(s).

1. A horizontal row of elements in the periodic table is called a(n)
2. The symbol for the element in Period 2, Group 13, is
3. Elements that are good conductors of heat and electricity are
4. Elements that are poor conductors of heat and electricity are
5. A vertical column of elements in the periodic table is called a(n)
6. The ability of a substance to be hammered or rolled into thin sheets is called
7. Is an element that is soft and easy to cut cleanly with a knife likely to be a metal or a nonmetal?
8. The elements in Group 18, which are generally unreactive, are called
9. At room temperature, most metals are
10. Choose **three** characteristics of most nonmetals.

11. Choose **three** characteristics of metals.

12. Choose **three** characteristics of most metalloids.

13. Choose **three** characteristics of noble gases.

14. What do elements of the same group in the periodic table have in common?

15. Complete the table below by filling in the spaces with correct names or symbols.

| Name of element | Symbol of element |
|-----------------|-------------------|
| Aluminum | |
| | Ca |
| | Mn |
| Nickel | |
| Potassium | |
| Cobalt | |
| | Ag |
| | H |