

6

THE PERIODIC TABLE

Practice Problems

In your notebook, solve the following problems.

SECTION 6.1 ORGANIZING THE ELEMENTS

- Which element listed below should have chemical properties similar to fluorine (F)?
 - Li
 - Si
 - Br
 - Ne
- Identify each element as a metal, metalloid, or nonmetal.
 - fluorine
 - germanium
 - zinc
 - phosphorus
 - lithium
- Which of the following is *not* a transition metal?
 - magnesium
 - titanium
 - chromium
 - mercury
- Name two elements that have properties similar to those of the element potassium.
- Elements in the periodic table can be divided into three broad classes based on their general characteristics. What are these classes and how do they differ?