

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.

a. fluorine	nm
b. germanium	mtd
c. zinc	m
d. phosphorus	Nm
e. lithium	m
- 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.

Li Na Rb Cs Fr
- 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?

Metals	Good conductors
Nonmetals	Poor conductors
Metalloids	Both metal/nonmetal

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