DATE: NAME: CLASS:

# CHAPTER 4 Periodic Table Scavenger Hunt BLM 2-8

**Goal** • Demonstrate your understanding of the periodic table.

## What to Do

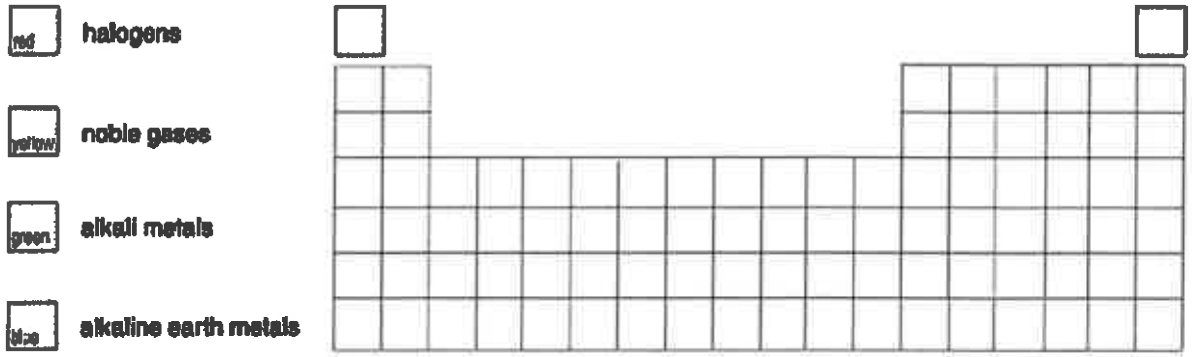
Use your periodic table to answer the following questions.

1. Identify each element.
   (a) The element in group 5 and period 5 _____
   (b) Only halogen that is a liquid at room temperature and pressure _____
   (c) Alkali metal with the most massive atoms _____
   (d) Synthetic element in period 5 _____
   (e) Metal in group 16 and period 4 _____
   (f) Alkaline earth element with the least massive atoms _____
   (g) Noble gas that has atoms with 54 protons _____

2. Complete the following table. The first row is completed as an example.

| Name of Element | Atomic Number | Number of Protons | Number of Electrons |
|---|---|---|---|
| silicon | 14 | 14 | 14 |
| | 8 | | |
| chromium | | | |
| sodium | | | |
| | | 13 | |
| | | | 19 |

3. Shade in the following chemical families, as indicated, on the outline of the periodic table.

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