

Characteristics of Elements

Use a periodic table to help you answer the following questions.

1. Bromine

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| a. How many protons does an atom of bromine (Br) have? | a. _____ |
| b. In which group number is bromine found? | b. _____ |
| c. What is the common name of this chemical family? | c. _____ |
| d. How many valence electrons does it have? | d. _____ |
| e. Is it a metal, a nonmetal, or a metalloid? | e. _____ |
| f. What ion is it most likely to form in compounds? | f. _____ |