

Questions

You may use the symbols for the elements in your answers.

1a. Approximately how many different elements are there?

b. Approximately how many different atoms are there?

2a. What state of matter are most elements in, at room temp.?

b. Name the elements that are in a liquid state at room temp.

c. Name the elements that are in a gas state at room temp.

3a. What is the family name of group 1?

b. Are any of your sample elements from this family? If so, name them.

c. Name the family or group of unreactive gases.

d. Are any of your sample elements from this family? If so, name them.

d. Name the family or group highly reactive non-metals.

e. Are any of your sample elements from this family? If so, name them.

f. What is the family name of group 2?

g. Are any of your sample elements from this family? If so, name them.

h. What is the name given for the elements found in the middle of the periodic table?

i. Which of your samples come from the above section?

4a. Where are the metals located on the periodic table?

b. Where are the non-metals located?

c. What are some major differences between metals vs. non-metals?

d. What elements make up the "staircase"?

e. What is the significance of the "staircase"?