Name _____Date _____Class _____

Chem Activity 01-06 Section 1:3 Review Worksheet

Elements

SHORT ANSWER Answer the following questions in the space provided.

1. A horizontal row of elements in the periodic table is called a(n) _____.
2. The symbol for the element in Period 2, Group 13, is _____.
3. Elements that are good conductors of heat and electricity are _____.
4. Elements that are poor conductors of heat and electricity are _____.
5. A vertical column of elements in the periodic table is called a(n) _____.
6. The ability of a substance to be hammered or rolled into thin sheets is called _____.
7. Is an element that is soft and easy to cut cleanly with a knife likely to be a metal or a nonmetal? _____.
8. The elements in Group 18, which are generally unreactive, are called _____.
9. At room temperature, most metals are _____.
10. Name three characteristics of most nonmetals.

11. Name three characteristics of metals.

12. Name three characteristics of most metalloids.

13. Name two characteristics of noble gases.

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SECTION 3 continued

14. ***What*** do elements of the same group in the periodic table have in common?

15. Within the same period of the periodic table, how do the properties of elements ***close to each other*** compare with the properties of elements far from each other?

16. You are trying to manufacture a new material, but you would like to replace one of the elements in your new substance with another element that has similar chemical properties. How would you use the periodic table to choose a likely substitute?

17. What is the difference between a family of elements and elements in the same period?

18. Complete the table below by filling in the spaces with correct names or symbols.

Name of element	Symbol of element
Aluminum	
	Ca
	Mn
Nickel	
Potassium	
Cobalt	
	Ag
	H

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