

Physical Science Assignment 6-3a

Name _____

Class Period _____

Date _____

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Read section 6-3. Then, based on the information in your textbook, COMPLETE THE FOLLOWING EXERCISE:

1. Why do elements within the same family of the periodic table have similar properties?

2. What is the name given to the elements in **Family 1**? _____

3. Describe the general properties of elements in **Family 1**.

4. Which element in **Family 1** has the highest melting point? _____

5. List the elements in **Family 1** and a use for compounds of each element.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

6. What is the name given to the elements in **Family 2**? _____

7. Describe the general properties of elements in **Family 2**.

Please continue on the other side.

8. Which element in **Family 2** has the lowest melting point? _____

9. List the elements in **Family 2** and a use for compounds of each element.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

10. Describe the general properties of the **transition elements**.

11. List nine of the **transition elements** and a use for each of the elements or compounds of the elements.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

12. List four elements in the **boron family** and a use for at least **two** of the elements or compounds of the elements.

_____	_____
_____	_____

