

Physical Science Assignment 6-3b

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. What is the name given to the elements in **Family 14**? _____
2. Describe the general properties of elements in **Family 14**.

3. Which element in **Family 14** can form the most compounds? _____
4. List the elements in **Family 14** and a use for each element or compounds of the elements.

5. Describe the general properties of elements in the **nitrogen family**.

6. List the elements in **Family 15** and a use for each element or compounds of the elements.

7. Which member of the **nitrogen family** shows the most metallic properties? _____

Please continue on the other side.

8. Describe the general properties of elements in the **oxygen family**.

9. List the elements in **Family 16** and a use for each element or compounds of the elements.

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10. Which element forms a molecule that protects us from the ultraviolet radiation coming from the sun?

11. Describe the general properties of elements in the **halogen family**.

12. List the elements in **Family 17** and a use for each element or compounds of the elements.

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14. Describe the general properties of elements in the **noble gas family**.

15. List the elements in **Family 18** and a use for each element or compounds of the elements.

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16. Where do we get our supply of noble gases?
