

Assignment 6-1

Name _____

Class Period _____

Date _____

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1. Describe Mendeleev's periodic table. What are some properties he used to place the elements in order?

2. Define the word **periodic**.

3. Describe the procedure Mendeleev used to predict the existence of undiscovered elements.

4. According to modern periodic law, what determines the order of the elements?

5. What is the modern name for the element Mendeleev called "ekasilicon"?

6. What did Henry Moseley contribute to the development of the periodic table of the elements?

7. What did Mendeleev notice about the pattern of "valences" of the elements?
