

Name _____ Class _____ Date _____

Skills Worksheet

Concept Review

Section: How are Elements Organized?

Answer the following questions in the space provided.

1. Why do Li, Na, K, Rb, Cs, and Fr all react with Cl in a 1:1 ratio forming substances with similar properties?

2. Explain the method that John Newlands used to organize the elements.

3. What method did Dmitri Mendeleev use to arrange his periodic table?

4. Why did Mendeleev have gaps in his table? How did he use these gaps?

5. What was Henry Moseley's contribution to the periodic table?

Concept Review continued

6. Why was Moseley able to resolve the discrepancy Mendeleev could not?

7. Explain the importance of valence electrons.

8. Why do elements with similar properties appear in a periodic table?

9. How is the electron configuration similar for each

10. How is the electron configuration similar for each

Holt Chemistry Chapter Concept Review Answers

F Rizvi



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