Chapter 11 Transparency Worksheet 16	
The Periodic Table	Class Date
1. What is the <i>modern periodic law</i> ?	
2. When Mendeleev organized the elements into a per	iodic table, what did he also predict?
3. (a) In the modern periodic table, the vertical colum	n identifies
(b) The horizontal rows are called	·
	to you in your study of chemistry.
 5. (a) What is meant by <i>representative elements</i>?	
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6. What is meant by <i>valence electrons</i> ?	
Critical Thinking	
7. Compare and contrast Mendeleev's periodic table w	with the modern periodic table.
table, and the chemical properties of the elements.	ration, the arrangement of the elements in the periodic To expand your discussion, take any one group from the of three or four elements in this group. What are your elements?

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