

Name : ..... Date : .....

# Interpreting the Periodic Table

Examine the hypothetical periodic table below and answer the given questions.

	K											
										L		
				C					P			
	A											Z

- Which pair of elements has the same number of valence electrons?  
\_\_\_\_\_
- Which pair of metals are in the same period? \_\_\_\_\_
- Which element has the smallest atomic number? \_\_\_\_\_
- Which elements are metals? \_\_\_\_\_
- Which elements are nonmetals? \_\_\_\_\_
- If the atomic number of the element P is 41, what is the atomic number of the element P?  
\_\_\_\_\_

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## Answers

	K											
										L		
				C					P			
	A											Z

- ① Which pair of elements has the same number of valence electrons?  
K and A
- ② Which pair of metals are in the same period? C and P
- ③ Which element has the smallest atomic number? K
- ④ Which elements are metals? K, A, C, and P
- ⑤ Which elements are nonmetals? L and Z
- ⑥ If the atomic number of the element P is 41, what is the atomic number of the element Z?  
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