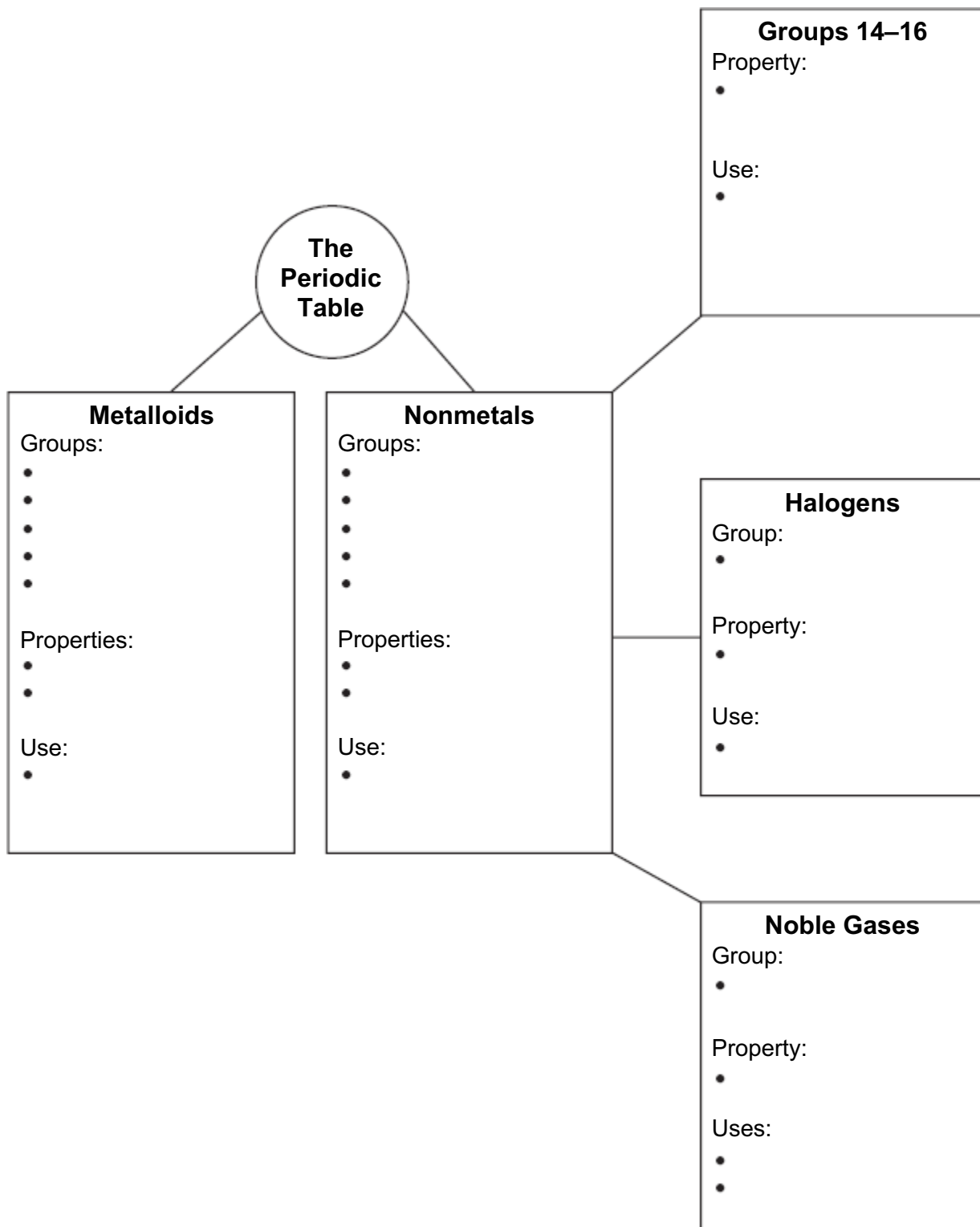


Content Practice A

LESSON 3

Nonmetals and Metalloids

Directions: Complete this chart by listing a fact or term next to each bullet.



Key Concept Builder **LESSON 3**

Nonmetals and Metalloids

Key Concept Where are nonmetals and metalloids on the periodic table?

Directions: Color the table as directed in item 1. Then answer each question on the lines provided.

	13	14	15	16	17	18
1	B	C	N	O	F	Ne
2	Al	Si	P	S	Cl	Ar
3	Ga	Ge	As	Se	Br	Kr
4	In	Sn	Sb	Te	I	Xe
5	Tl	Pb	Bi	Po	At	Rn

1. Use three different colors of markers. Complete this table by shading metals one color, metalloids a second color, and nonmetals a third color.
2. Where are nonmetals placed in relation to metalloids? _____
3. Where are metalloids placed in relation to metals? _____
4. What separates metals and nonmetals? _____
5. How many nonmetals are in the second period? _____
6. How many metalloids are in the third period? _____
7. How many metalloids are in the fifth period? _____
8. Which nonmetals are in Group 16? _____
9. Which metalloids are in Group 15? _____
10. Which nonmetal is in Group 14? _____

Key Concept Builder **LESSON 3**

Nonmetals and Metalloids

Key Concept Where are nonmetals and metalloids on the periodic table?

Directions: Put a check mark in the space to indicate whether the element is a metalloid, nonmetal, halogen, or noble gas. Then write the element's group number.

Element	Metalloid	Nonmetal	Halogen	Noble Gas	Group
(F) Fluorine					
(Ge) Germanium					
(Xe) Xenon					
(O) Oxygen					
(Si) Silicon					
(Cl) Chlorine					
(Te) Tellurium					
(Rn) Radon					
(Sb) Antimony					
(P) Phosphorus					
(I) Iodine					
(Ne) Neon					
(As) Arsenic					
(Kr) Krypton					
(Br) Bromine					
(At) Astatine					
(N) Nitrogen					
(He) Helium					
(Po) Polonium					
(S) Sulfur					
(C) Carbon					
(Ar) Argon					

Key Concept Builder **LESSON 3**

Nonmetals and Metalloids

Key Concept What properties do nonmetals and metalloids have?

Directions: Complete this chart by listing a fact or term next to each bullet.

Elements	Uses	What properties make this possible?
Nonmetals	<ul style="list-style-type: none">••••••	<ul style="list-style-type: none">•••••
Metalloids	<ul style="list-style-type: none">•••••	<ul style="list-style-type: none">••

Directions: Answer each question on the lines provided.

1. Which element is the most common element in the universe? _____

2. How does the periodic table help you understand the properties of an element?

The Periodic Table

