

Ch 3 Combining Matter Section 2

Scan the main headings for Section 2 of your text. Write three questions that come to mind.

1. _____

2. _____

3. _____

Use your text to define each term.

1. Compound _____

2. Chemical bond _____

3. Covalent bond _____

4. Molecule _____

5. Ionic bond _____

6. Metallic bond _____

7. Chemical reaction _____

8. Solution _____

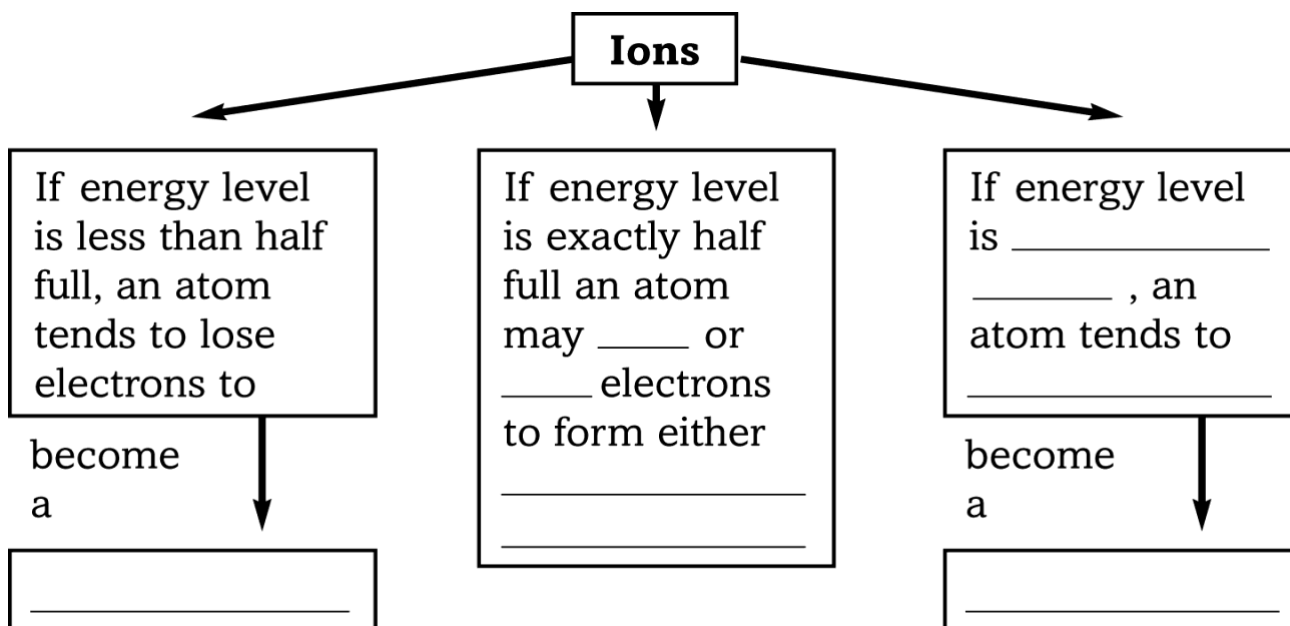
9. Acid _____

10. Base _____

Organize information about compounds by completing the graphic organizer below. Pages 66-67

COMPOUND
Substances composed of _____ that are _____.
CHEMICAL BOND
The forces that _____ in a _____.
COVALENT BOND
Covalent bonds are created when atoms are _____.
MOLECULE
A molecule is _____.
POLAR BONDS
Polar bonds are covalent bonds in which _____ _____.

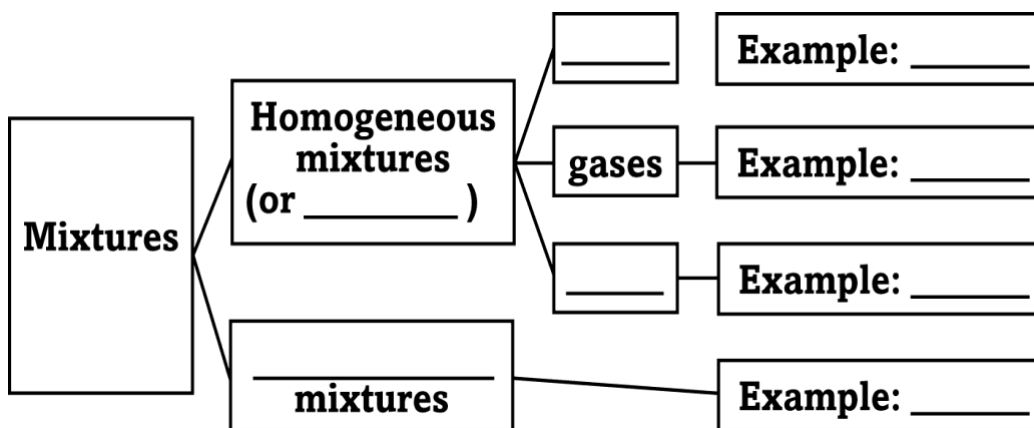
Organize information about the formation of ions by completing the flow chart below. Pages 68-69



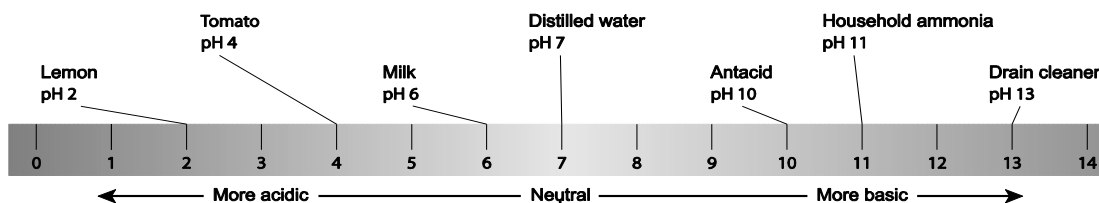
Identify the meaning of symbols in a chemical formula by writing the meaning in words below each symbol.
Page 70

$2H_2$	+	O_2	\longrightarrow	$2H_2O$

Summarize information about mixtures and solutions by completing the graphic organizer below. Page 71



Examine the pH scale. Write under the acidic and the base parts of the scale two facts about acids and bases and an example of each. Page 71



1 st fact _____	1 st fact _____
2 nd fact _____	2 nd fact _____
example _____	example _____

How are chemical equations and algebraic equations similar?
