

Chapter 1 Test

For questions 1 to 5, write the chemical name from column B that matches the formula in column A. Use a periodic table to help you.

A	B
1. ZnO: _____	a) iron oxide
2. AgCl: _____	b) silver chloride
3. BaBr ₂ : _____	c) barium bromide
4. Fe ₂ O ₃ : _____	d) copper sulfide
5. CuS: _____	e) zinc oxide

6. a) Draw the WHMIS symbol for a flammable chemical.

- b) Name one chemical that would use this symbol. _____

7. Ibuprofen or 2-[4-(2-methylpropyl)phenyl] propanoic acid is used in Advil[®] to relieve symptoms of arthritis and fever.

- a) Circle the brand name.
 b) Underline the common name.
 c) Box the chemical name.
 d) Which name would you use if you were trying to sell this product to the public? _____
 e) Explain why.

8. Use a check mark to match the material with the category it belongs to.

Material	Corrosive	Oxidizer	Fuel
a) hydrochloric acid			
b) gasoline			
c) oxygen			
d) sodium hydroxide			
e) alcohol			
f) wood			

Name: _____

Date: _____

BLM 1-6
(continued)

9. Write the common name for each chemical.

Chemical Name	Common Name
a) iron oxide	
b) sodium chloride	
c) sodium bicarbonate	
d) methane	

10. Baking soda has the formula NaHCO_3 . What four elements are present?

- a) _____ b) _____
 c) _____ d) _____

11. Decide whether each of the following statements is true or false. If it is false, rewrite to make it true.

a) **True/False** This is the symbol for a corrosive chemical.



b) **True/False** Only acids are corrosive chemicals.

c) **True/False** Sodium chloride is the brand name for table salt.

d) **True/False** Potassium chlorate is an oxidizing chemical, so it will stop a fire.

12. Complete the organizer that compares flammable and combustible materials.

