

## WHMIS and Safety Worksheet - Answer Key

1. What does WHMIS stand for? **Workplace Hazardous Materials Information System**
2. What is the purpose of WHMIS?  
**It is an information system in the form of special labels, symbols, and Material Safety Data Sheets (MSDS) for potentially dangerous chemicals used on the job**
3. What information would you find on a WHMIS label?  
**Name of the chemical, the WHMIS hazard symbols, risks and precautions, first aid instructions, supplier's name and address, a reference to the matching MSDS**
4. Do all products and chemicals have WHMIS labels? Explain.  
**No, some products, like pesticides and many household products, are covered by other legislation, and will have other label (e.g. international hazards symbols)**
5. Identify the following symbols, write down at least one hazard this symbol represents and give one example of a material or chemical that may have this symbol.



	Identify Symbol	One Hazard	Example
A	Compressed Gas	could explode if heated	helium, hydrogen
B	Flammable & combustible materials	could cause a fire	gasoline, ether
C	Oxidizing materials	could cause flammable material to burn	chlorine, bleach, peroxide
D	Poisonous & infectious material - Division 1	could cause immediate, serious/fatal toxic effects	potassium cyanide, carbon monoxide
E	Poisonous & infectious material - Division 2	cause toxic effects	cancer, sterility, benzene asbestos
F	Poisonous & infectious material - Division 3	biohazardous infectious material transmission of a disease	hepatitis B, AIDS, fungi, viruses
G	Corrosive material	serious chemical burns, lung damage from inhaling fumes	sulfuric acid, chlorine gas
H	Dangerously reactive material	could have a dangerous reaction with water	calcium carbide