3.1 Safety

1. Match each safety hazard with the correct symbol. One has been done for you.

flammable   harmful   corrosive   toxic   oxidising

   a.       b.       c.    d.    e.

2. Now, use the safety hazards in the list below to complete the following sentences.

   corrosive   toxic   oxidising   flammable   harmful

(i) Substances that release heat when heated are ________________.
(ii) Substances that can cause sickness or rashes are ________________.
(iii) Substances that can burn through materials are ________________.
(iv) Poisonous substances are ________________.
(v) Substances that can easily catch fire are ________________.

3. Write down six important safety rules.

   (i) ____________________________________________________________________.
   (ii) ____________________________________________________________________.
   (iii) ____________________________________________________________________.
4. In the box below, draw a hazard symbol that you think could be used to warn people of broken glass.

   ____________________________________________________________________

5. Describe one dangerous accident that could take place in the school laboratory and outline ways in which it could have been avoided.
   Dangerous accident:________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   How it could have been avoided:________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________

6. Draw the hazard symbol for a substance that can burn through skin.

   ____________________________________________________________________

7. Tick each statement below that you think is a safety hazard in the school laboratory and write down why you chose it.
   • Fire exit blocked with chairs ____________________________________________
   ________________________________________________________________________
   • Gas tap on but the Bunsen burner is not lighting __________________________
   ________________________________________________________________________
   • An open window _______________________________________________________
   ________________________________________________________________________
   • A student wearing safety glasses _______________________________________
   ________________________________________________________________________
• Spilled liquid on the floor ________________________________
_____________________________________________________
• A student running around ________________________________
_____________________________________________________