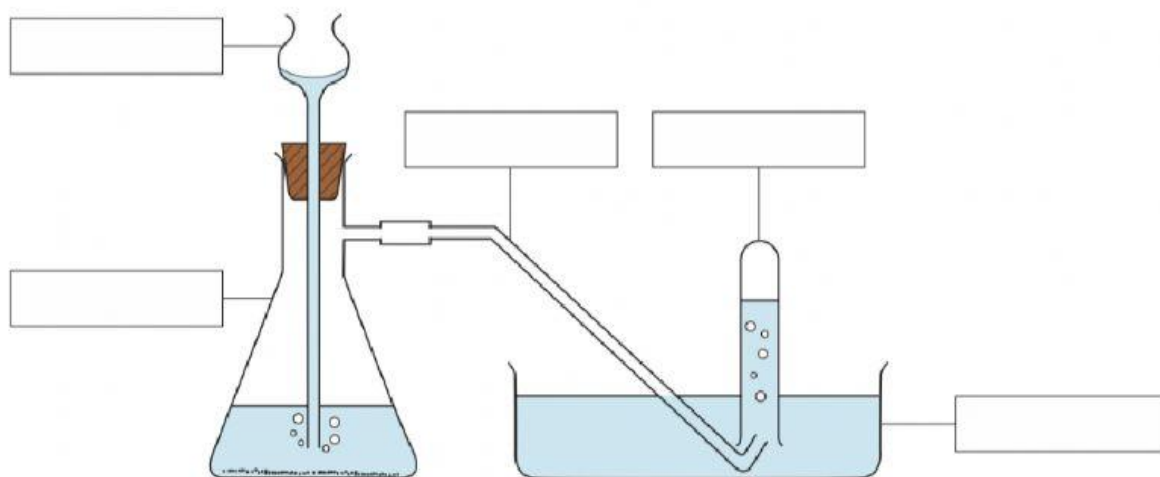




Review Questions

- 1** Which gas has the highest percentage composition in air?
A Argon
B Oxygen
C Nitrogen
D Carbon dioxide
- 2** Which of these gases is not present in air?
A Oxygen
B Nitrogen
C Hydrogen
D Carbon dioxide
- 3** Which of these gases is flammable?
A Neon
B Oxygen
C Hydrogen
D Carbon dioxide
- 4** Which of these gases produces a white precipitate when bubbled through limewater?
A Oxygen
B Nitrogen
C Hydrogen
D Carbon dioxide
- 5** Which of these is the lightest gas in air?
A Helium
B Oxygen
C Nitrogen
D Hydrogen
- 6** Which of these pairs contain only noble gases?
A Helium and argon
B Argon and oxygen
C Helium and nitrogen
D Oxygen and nitrogen

- 7** Which of these can be used to test for the presence of water vapour?
- A Blue litmus paper
 - B Concentrated sulfuric acid
 - C Blue cobalt chloride paper
 - D Blue copper sulphate crystals
- 8** Which of these is a use of hydrogen gas?
- A Making frozen food
 - B To help patients breathe
 - C Production of fizzy drinks
 - D Manufacture of margarine
- 9** Carbon dioxide, oxygen and hydrogen gases are colourless and odourless. Give one test for each gas that would help to identify them.
- 10** a) The diagram below shows the apparatus set-up that is used to prepare hydrogen in the laboratory. Identify the apparatus shown.



- b) Write a word equation for the chemical reaction that takes place.