

## Revision: Gases

1. Air is a mixture of several gases. Name the gases in air which:

- a) turns limewater milky : \_\_\_\_\_  
b) supports combustion : \_\_\_\_\_  
c) turns cobalt chloride paper pink : \_\_\_\_\_  
d) is unreactive and plentiful in air : \_\_\_\_\_ [4]

2. Figure 1 below shows a pie chart representing the composition of air

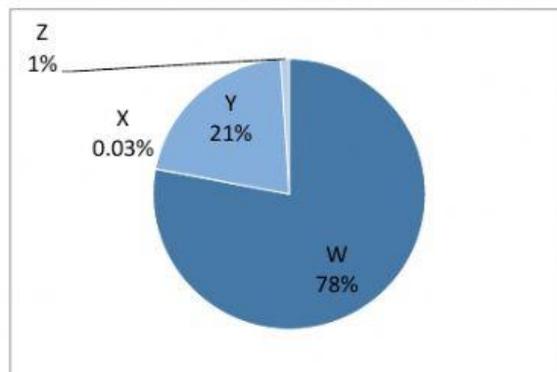


Figure 1

a) Name the gas labelled:

- W : \_\_\_\_\_  
Y : \_\_\_\_\_ [2]

b) Write one property of gas X

\_\_\_\_\_ [1]

c) How would the composition of air change if there is a large increase in the burning fuels?

\_\_\_\_\_  
\_\_\_\_\_ [1]

d) Which component in the pie chart supports combustion?

\_\_\_\_\_ [1]

e) Which component in the pie chart is needed for making fertiliser?

\_\_\_\_\_ [1]