

# Worksheet 1.6

## Atmospheric anagrams

Anagrams are tricks played with the letters of words. The letters are rearranged to give words with a different meaning. They are often found in the clues to crossword puzzles.

For instance, two short scientific examples of anagrams in clues would be:

- ◆ Oddly, *none* gave this noble gas. (4)
- ◆ *As yet* the fermentation was incomplete. (5)

The letters involved in each anagram are in italics. Can you work these out?

The answer to the first anagram shown above is element 10 in the Periodic Table. Often it is useful to arrange the letters in a circle to jumble them a little and let you see the alternative words, for example:

A  
T        S     Y E A S T  
E     Y

Human activity has resulted in changes in the gases present in the air. There are several major atmospheric problems arising from this pollution.

The names given to these problems are listed below in anagram form – where the letters have been mixed up. They range from problems in the upper atmosphere to one which occurs particularly in large cities. Also listed are some of the important terms used in talking about air pollution, together with the names of some of the chemicals involved.

Sort out the letters into the name or term used and write it in the space provided.

- 1 CAN I RAID .....  
.....
- 2 NEAT HEM .....  
.....
- 3 DIXIE CAN BROOD .....  
.....
- 4 GET CHANCE MAIL .....  
.....
- 5 DI, U FIX OUR SLED .....  
.....
- 6 GLOWING LAB ARM .....  
.....
- 7 ZOE PELTED ONION .....  
.....
- 8 SAGE HEN GROUSE .....  
.....
- 9 GIMME CHOCOLAT SHOP! .....  
.....