

Matter - Homework 3

1. When a balloon has been blown up, sealed and left for a few days its size is less than when it was first sealed.

On the reverse of this homework explain in terms of particles and a diagram why this has happened.



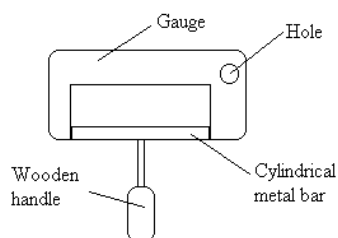
(2)

2. When perfume is sprayed at the front of the classroom it can be smelled at the back a short time later. Why is this?

What is this process called?

(2)

- 3.



In this experiment the bar was removed from the gauge and heated strongly in a Bunsen Burner for 5 minutes. Its size was then rechecked in the gauge.

Complete the following: When the bar was returned to the gauge it was clear that its length had _____ and its width had _____. This shows that when the bar is heated the particles in it move _____ and so move _____. When any thing gets bigger we say it _____ and when anything gets smaller we say it _____.

(6)