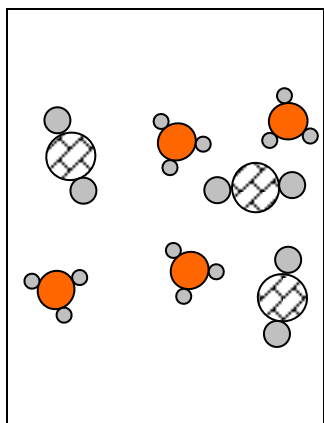


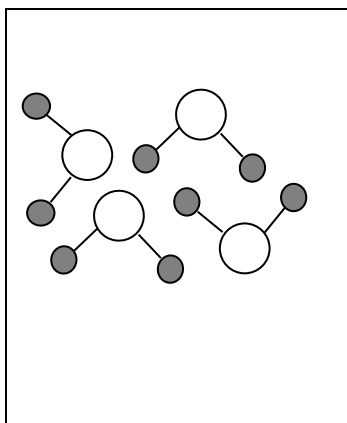
Homework 1.3

1. Use the word bank to complete the following diagram.

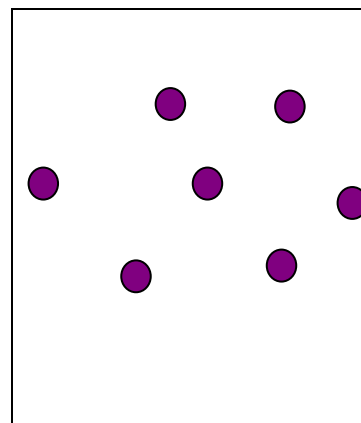
wordbank		
pure element	mixture of compounds	pure compound



a)



b)



c)

3

2. Is iron sulphate soluble? (p4 of data booklet)

.....

1

3. Use the word bank to complete the sentences.

wordbank					
dissolves	soluble	liquid	saturated	solution	insoluble

a) A is formed when a solid dissolves in a

2

b) A substance which does not dissolve is described as

1

c) A solution is one in which no more substance can be dissolved.

1

4. You have been given a salt solution.

a) What would you do to make the solution more concentrated?

..... 1
.....

b) What would you do to make the solution more dilute?

..... 1
.....

5. Complete the following sentences.

a) is added to water to kill bacteria. 1

b) Sodium is added to water to help prevent tooth decay. 1

6. Complete the following table.

Name of Compound	Elements in Compound
copper bromide	a)
b)	iron + nitrogen + oxygen
c)	calcium + oxygen

3

total
15