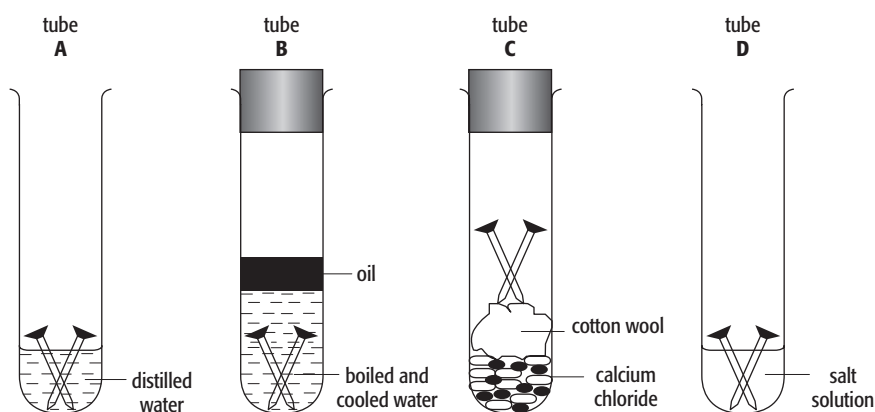


Worksheet 8.7

Rusting

The rusting of iron and steel is an economically damaging process. Its causes and prevention have been studied extensively.

The diagram below shows the results from an experiment on the causes of rusting using steel nails.



1 a In which two tubes will the steel go rusty?

.....

b Why does the steel not rust in the other two tubes?

.....

2 In which tube will the rusting occur fastest? Explain your answer.

.....

3 Explain how ships and piers are prevented from rusting.

.....

.....

4 State how each of the following is prevented from rusting:

a cutlery

.....

b car bodies

.....