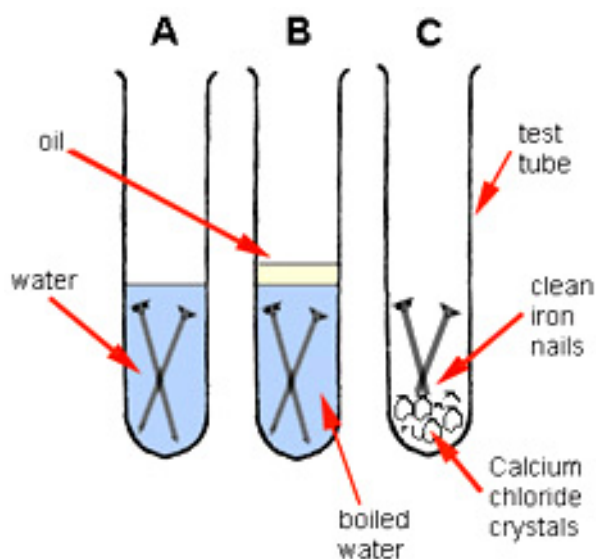


Name:	Class:
Teacher:	Date:

What causes iron to rust?

Introduction: The rusting of iron costs millions of pounds a year. Rust forms on the surface of the iron. Rust is porous, soft and crumbly. It flakes off and as more and more rust forms the iron is eventually eaten away.

Set up the following equipment:



Complete the table below:

Testtube	Factor tested	Appearance of the iron at the start	Predicted result	Appearance of the iron after 7 days
A				
B				
C				

Name:	Class:
Teacher:	Date:

Questions:

1.What is the purpose of the calcium chloride?

2.What does boiling the water do?

3.Write a brief conclusion to your experiment.

4.What do you think would have happened if you had used pure oxygen instead of air?
Explain.