

# Prussian Blue - Worksheet



Name..... Class.....

1. Complete the following with the words “loss” or “gain”:-

**Oxidation Is** ..... of electrons  
..... of hydrogen  
..... of oxygen

**Reduction Is** ..... of electrons  
..... of hydrogen  
..... of oxygen

2. In this experiment, one of the iron (III) compounds is reduced by one electron. Complete the following half-equation:-



3. Why does the solution containing the iron compounds have to be kept in the dark?.....  
.....  
.....

4. What would happen if the blueprint was left in the light without “fixing” it (washing in hydrochloric acid)? .....  
.....  
.....  
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