



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

1. The solution contains iron sulfate (FeSO_4). What is the oxidation state of the iron?.....
2. The powerful light causes the iron to lose one electron. Complete the half equation for this shown below.



4. What is the name given to the process when an atom loses an electron?.....
5. The position of equilibrium (and therefore the colour of the solution) of the reaction is changed when the light is shone on it. Mark with an arrow on the diagram below the position of equilibrium when the light is

a. On

b. Off

