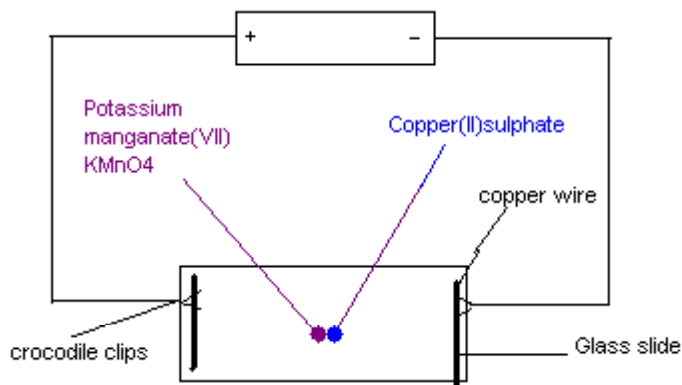


## Migration of ions

Name:	Class:
Teacher:	Date:

Set up the apparatus as shown below:



Watch what happens, then answer the following questions:

1. In which direction does the blue colour of the positive  $\text{Cu}^{2+}$  ion move?

2. In which direction does the purple colour of the negative  $\text{MnO}_4^{2-}$  ion move?

Mark these observations on the diagram using a blue and purple pencil

3. What does this experiment tell you about ions in aqueous solution when an electric current is passed through it?

Name:	Class:
Teacher:	Date:

4.Explain carefully how an ionic solution conducts electricity?

5.In which direction do the electrons move?