

### Transpiration Worksheet 1 (Chemical Concepts)

A precipitation reaction is a reaction in which two solutions are mixed to produce an insoluble solid called a precipitate.

**Materials:** White spotting-plate and dropper bottles containing 0.1 M solutions of copper sulfate, mercury(II) nitrate, potassium chromate, potassium fluoride, potassium iodide, sodium chloride, sodium hydroxide, sodium sulfate, silver nitrate.

**Teacher:** Give directions in the heading & proceed w/ students according to your trial assessment. Before or check with students what the precipitate is for each reaction.

**Students:** 1. Complete the reactions which is an exchange of partners. Reactions are listed first.  
2. Mix the chemicals and write the (color/identity) of the precipitate.

