

Part 2: Track the Copper

As you look at your sentences from Part 1, you should see a copper substance at the beginning and end of each step, so the copper never “went away.” Summarize your sentences in the table.

Procedure	Symbol of chemical added	Observations	Formula and name of copper compound	What happened to the copper?
Got a sample of copper	Cu(s)	Orange-brown powder.	Cu(s) solid copper powder	Nothing yet.
Added nitric acid	HNO ₃ (aq)			
Added sodium hydroxide				
Added heat (removes H ₂ O)	none			
Added HCl				
Added Al			Cu(s) solid copper	

Making Sense Describe what happened to the copper throughout this experiment.