

Worksheet: **Solution Stoichiometry**

1. How many milliliters of 0.750 M sodium hydroxide are needed to neutralize 275 mL of 0.500 M sulfuric acid?
2. How many grams of lead (II) nitrate are needed to fully react 23.5 mL of 0.550 M sodium chloride in the precipitation of lead (II) chloride?
3. How many mL of 0.400 M barium chloride are needed to react 175 mL of 1.50 M ammonium phosphate in the precipitation of barium phosphate?
4. When 53.5 mL of 0.752 M cobalt (III) nitrate are added to a sodium sulfate solution, how many grams of cobalt (III) sulfate can be precipitated?
5. How many grams of aluminum hydroxide will be neutralized by 45.3 mL of 0.550 M HCl ?