**Solutions Chem:**

**Titrations: Quiz 5a**

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Answer the following:

1. Complete the following equations:
   1. HCl + Ca(OH)2 🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. KOH + H3PO4 🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What volume of 1.50 M H2SO4 is required to neutralize a solution containing 32.0 g NaOH?

Answers:

1. Complete the following equations:



* 1. 2HCl + Ca(OH)2 🡪 2H2O + CaCl2



* 1. 3KOH + H3PO4 🡪 K3PO4 + 3H2O

1. What volume of 1.50 M H2SO4 is required to neutralize a solution containing 32.0 g NaOH?



