**Solutions Chem:**

**Titrations: Quiz 5c**

/5

Answer the following:

1. Complete the following equations:
   1. LiOH + H2S 🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. H2SO4 + Al(OH)3 🡪 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the molarity of Ca(OH)2 if 200.00 mL of Ca(OH)2 is required to completely neutralize 100.00 mL of 0.350 M H3PO4?

Answers:

1. Complete the following equations:



1. 2LiOH + H2S 🡪 Li2S + 2H2O



1. 3H2SO4 + 2Al(OH)3 🡪 6H2O + Al2(SO4)3
2. What is the molarity of Ca(OH)2 if 200.00 mL of Ca(OH)2 is required to completely neutralize 100.00 mL of 0.350 M H3PO4?



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