Unit 6 Problems

IV

1. **If it took 23.4 ml of a 1.75 M NaOH to neutralize 7.8 ml of HCL, what is the molarity of the HCL?**
2. **If it took 6.7 ml of HCL to neutralize 89.98 ml of a 1.2 M NaOH, what is the molarity of the acid?**
3. **If it took 100.789 ml of a 1.007 M Ammonium Hydroxide to neutralize 12.9 ml of H3PO4, what is the molarity of the acid?**
4. **If 45.98 ml of a .789 M Potassium Hydroxide reacted with 34.9 ml of H3PO4, what is the molarity of the acid?**
5. **If 4.00765 ml of .001 M H(C2H3O2) reacted with 2.47 ml of Magnesium Hydroxide, what is the molarity of the base?**