Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Titration Problem:

A student performs a titration using 0.117 M HCl. The initial reading on the acid buret is 3.12 mL and the final reading is 18.65 mL. The initial reading on the base buret is 10.60 mL and final reading is 24.90 mL. What is the molarity of the sodium hydroxide?

Acid 0.117 M HCl Base \_\_\_\_\_\_ M

\_\_\_\_\_\_\_\_ FR \_\_\_\_\_\_\_ FR

- \_\_\_\_\_\_\_\_ IR - \_\_\_\_\_\_ IR

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\_\_\_\_\_\_\_ mL acid \_\_\_\_\_\_ mL base

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Acid 0.117 M HCl Base \_\_\_\_\_\_ M

\_\_\_\_\_\_\_\_ FR \_\_\_\_\_\_\_ FR

- \_\_\_\_\_\_\_\_ IR - \_\_\_\_\_\_ IR

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\_\_\_\_\_\_\_ mL acid \_\_\_\_\_\_ mL base