

NAME \_\_\_\_\_ DATE \_\_\_\_\_ SECTION \_\_\_\_\_

INSTRUCTOR \_\_\_\_\_ GRADE \_\_\_\_\_

**EXPERIMENT 13: REPORT FOR REDOX TITRATIONS****DATA/RESULTS**

A.

	example	trial
*1. Weight of pure $K_2Cr_2O_7$ (g)	<u>1.500</u>	_____
*2. Volume of $K_2Cr_2O_7$ solution (mL)	<u>250.0</u>	_____
3. Normality of $K_2Cr_2O_7$ solution (eq/L)	<u>0.1224</u>	_____

**CALCULATIONS**

B.

Sample No. _____	example	trial 1	trial 2	trial 3
*1. Weight of unknown sample (g)	<u>1.672</u>	_____	_____	_____
*2. Volume of $Cr_2O_7^{2-}$ solution required (mL)	<u>15.42</u>	_____	_____	_____
3. Grams of Fe in sample (g)	<u>0.1054</u>	_____	_____	_____
4. % of iron in sample (%)	<u>6.304</u>	_____	_____	_____
5. Average % of Fe (%)	_____	_____	_____	_____

**CALCULATIONS**

\*Numbers (items) with asterisks represent data taken in the lab, while the other numbers (items) were calculated from the lab data.