

- c. How many grams of KCl would be produced with the starting conditions given in part b?
- d. A chemistry student performed this experiment with the values in part b and calculated a percent yield of 65%. How many grams of $\text{K}_3[\text{Fe}(\text{SCN})_6]$ did they produce?
- e. What is the oxidation number of Fe in the compound $\text{K}_3[\text{Fe}(\text{SCN})_6]$?