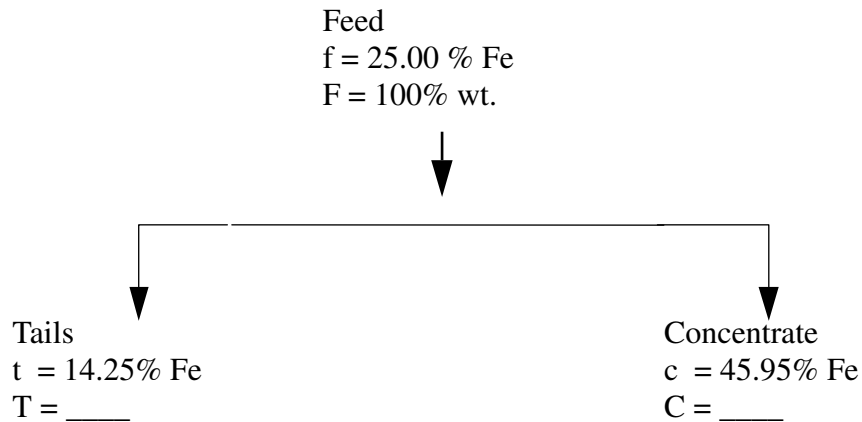


Name: _____

CM2200, Fall 2009, Homework #2

Complete line diagrams and answer questions. Remember IN = OUT. Attach all your calculations. Carry out intermediate calculations to 4 decimal places to minimize roundoff errors.

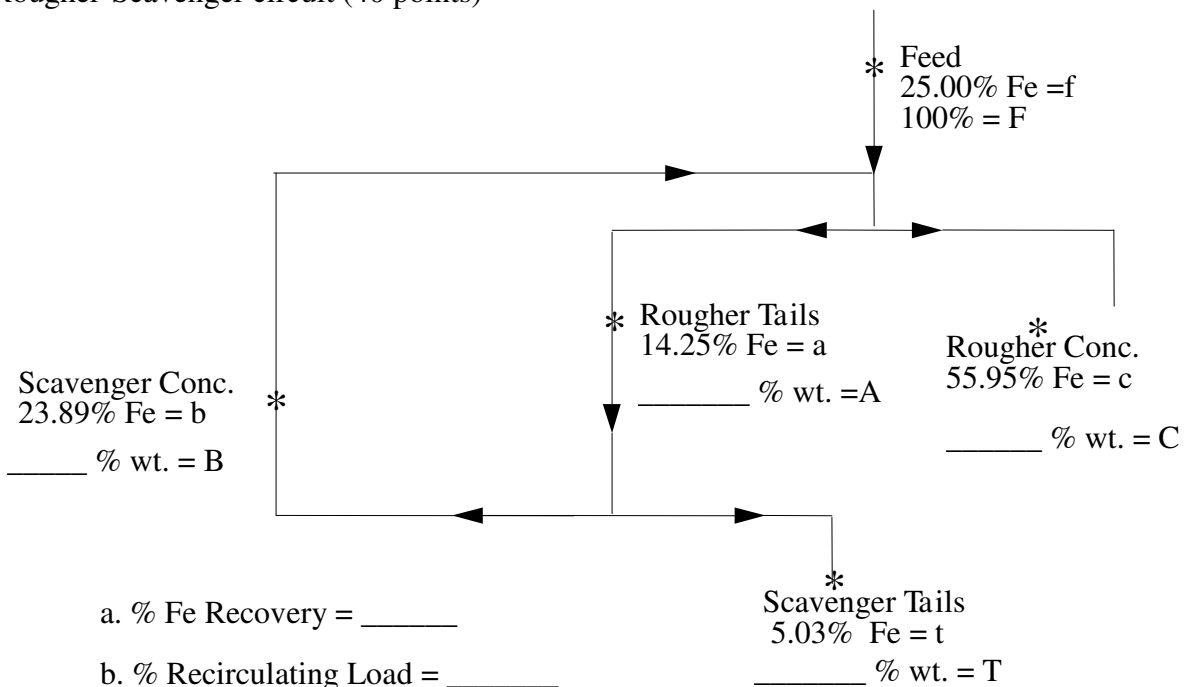
1: Rougher Circuit (10 points)



a. % Wt. Recovery = _____

b. % Fe Recovery = _____

2: Rougher-Scavenger circuit (40 points)



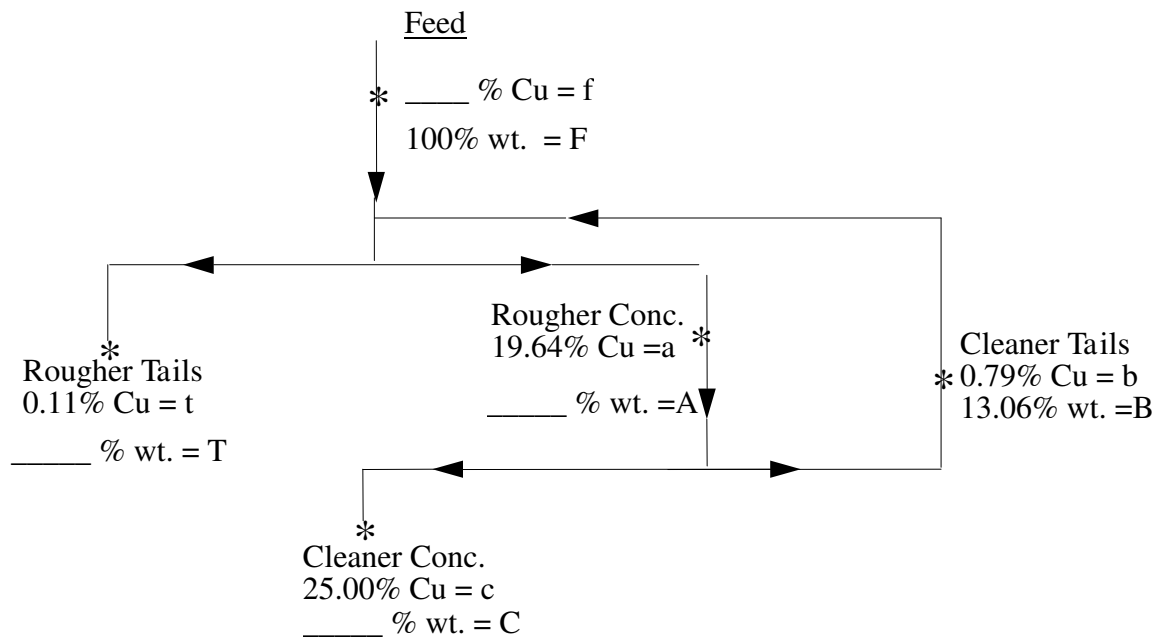
a. % Fe Recovery = _____

b. % Recirculating Load = _____

c. Enrichment Ratio = _____

Name: _____

3: Rougher-Cleaner Circuit (60 points)

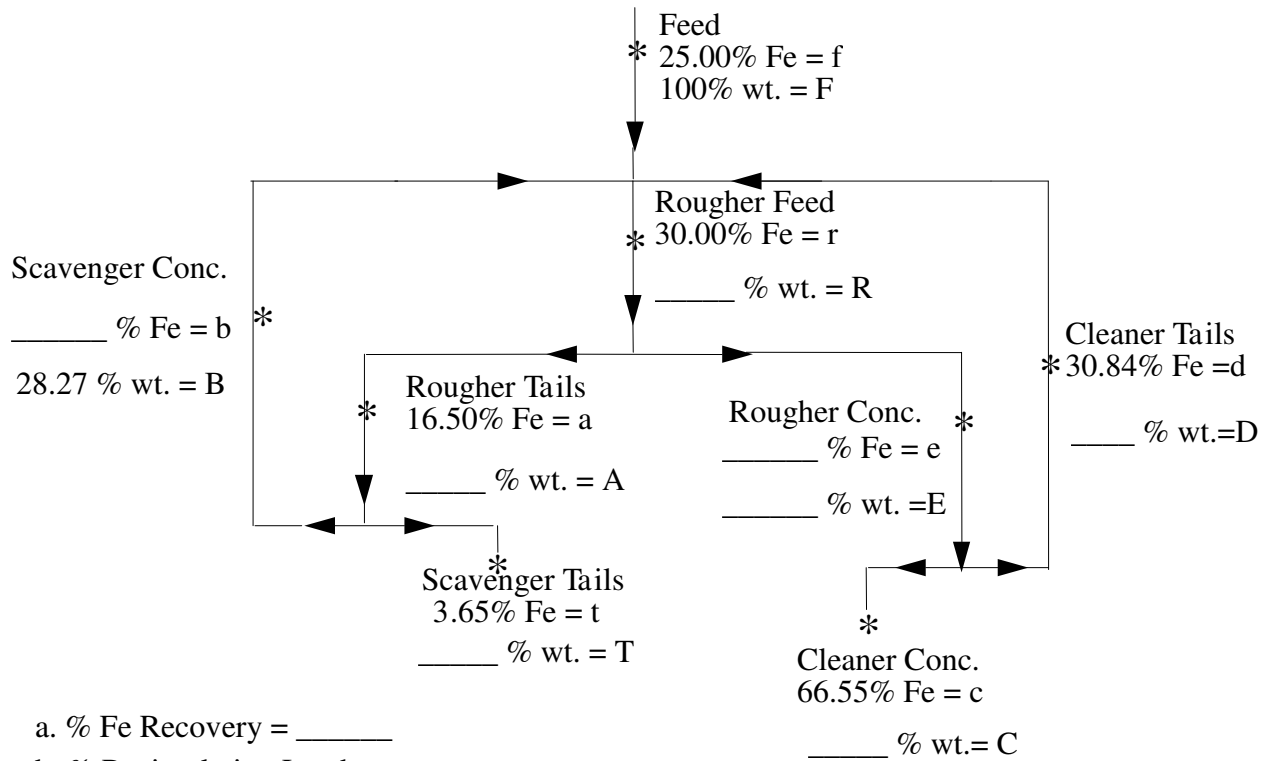


a. % Cu Recovery = _____

b. Enrichment Ratio = _____

Name: _____

4: Rougher-Cleaner-Scavenger Circuit (100 points)



- % Fe Recovery = _____
- % Recirculating Load = _____
- % Fe Loss = _____