You must provide your calculations in answering these questions. Just the answer alone is NOT sufficient. Do NOT include the question in your submission – just your answers along with the calculations.

Rockwall Tile Inc. uses the weighted-average method in its process costing system. The following data concern the operations of the company's first processing department for the month of January.

 

Required:

Using the weighted-average method:

a. Determine the equivalent units of production for materials and conversion costs.

b. Determine the cost per equivalent unit for materials and conversion costs.

c. Determine the cost of units transferred out of the department during the month.

d. Determine the cost of ending work in process inventory in the department.