

Exercise 4-11 (20 minutes)

Weighted-Average Method

1.	<i>Materials</i>	<i>Labor</i>	<i>Overhead</i>
Units transferred to the next department	42,000	42,000	42,000
Ending work in process:			
Materials: 8,000 units × 75% complete.....	<u>6,000</u>		
Labor: 8,000 units × 50% complete.....		<u>4,000</u>	
Overhead: 8,000 units × 50% complete.....			<u>4,000</u>
Equivalent units of production	<u>48,000</u>	<u>46,000</u>	<u>46,000</u>
2.	<i>Materials</i>	<i>Labor</i>	<i>Overhead</i>
Cost of beginning work in process	\$ 4,320	\$ 1,040	\$ 1,790
Costs added during the period	<u>52,800</u>	<u>21,500</u>	<u>32,250</u>
Total cost (a)	<u>\$ 57,120</u>	<u>\$ 22,540</u>	<u>\$ 34,040</u>
Equivalent units of production (b)	48,000	46,000	46,000
Cost per equivalent unit (a) ÷ (b)	\$1.19	\$0.49	\$0.74