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| The PVC Company manufactures a high-quality plastic pipe that goes through three processing stages prior to completion. |

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| Information on work in the first department, Cooking, is given below for May: |

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| Production data: |  |  |
| Pounds in process, May 1: materials       100% complete; conversion 90% complete |  | 82,000 |
| Pounds started into production during May |  | 470,000 |
| Pounds completed and transferred to       the next department |  | ? |
| Pounds in process, May 31:       materials 70% complete; conversion 30% complete |  | 42,000 |
| Cost data: |  |  |
| Work in process inventory, May 1: |  |  |
| Materials cost | $ | 152,300 |
| Conversion cost | $ | 52,300 |
| Cost added during May: |  |  |
| Materials cost | $ | 791,650 |
| Conversion cost | $ | 287,390 |
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| The company uses the weighted-average method. |

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| **Required:** |

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| **1.** | Compute the equivalent units of production. |

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| --- | --- | --- |
|  | Materials | Conversion |
| Equivalent units of production |  |  |
|  | | |

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| **2.** | Compute the costs per equivalent unit for the month. **(Round your answers to 2 decimal places. Omit the "$" sign in your response.)** |

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| --- | --- | --- |
|  | Materials | Conversion |
| Cost per equivalent unit | $ | $ |
|  | | |

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| **3.** | Determine the cost of ending work in process inventory and of the units transferred out to the next department. **(Omit the "$" sign in your response.)** |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Materials | Conversion | Total |
| Cost of ending work in process inventory | $ | $ | $ |
| Cost of units completed and transferred out | $ | $ | $ |
|  | | | |

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| **4.** | Prepare a cost reconciliation report for the month. **(Omit the "$" sign in your response.)** |

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| Cost Reconciliation | |
| Costs to be accounted for: |  |
| Cost of beginning work in process inventory | $ |
| Cost added to production during the period |  |
|  |  |
| Total cost to be accounted for | $ |
|  |  |
| Costs accounted for as follows: |  |
| Costs of ending work in process inventory | $ |
| Costs of units completed and transferred out |  |
|  |  |
| Total cost accounted for | $ |
|  |  |
|  | |