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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 | $   |
|   |  |
|  |