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Pletcher Company produces and sells automobile batteries, the heavy-duty HD-240. The 2011 sales budget is as follows.

|  |  |  |
| --- | --- | --- |
|   | **Quarter** | **HD-240** |
|   | 1 | 4,600 |   |
|   | 2 | 6,900 |   |
|   | 3 | 7,590 |   |
|   | 4 | 10,780 |   |

The January 1, 2011, inventory of HD-240 is 2,510 units. Management desires an ending inventory each quarter equal to 60% of the next quarter's sales. Sales in the first quarter of 2012 are expected to be 30% higher than sales in the same quarter in 2011. Prepare quarterly production budgets for each quarter and in total for 2011.***(Enter all amounts as positive amounts and subtract where necessary.)***

|  |
| --- |
| **PLETCHER COMPANY** |
| **Production Budget** |
| **For the Year Ending December 31, 2011** |
|   | **Product HD-240** |   |
|   | **Quarter** |   |
|   | **1** | **2** | **3** | **4** | **Year** |
| Expected unit sales | 4600  | 6,900  | 7,590  | 10,780  |   |
| Add: Desired end. finished goods units |  |  |  |  |   |
| Total required units |  |  |  |  |   |
| Less: Beg. finished goods units |  | 4140  | 4554  | 6468  |   |
| Required production units |  |  |  |  |  |

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