

Three factories produce shirts at different capacities and four customers have different demands for them. The table below contains the transportation cost per unit, the supply of each factory, and each customer’s demand.

Find the initial basic feasible solution using the **northwest corner method** and calculate the total transportation cost (write your answer in the hundreds).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Cost per unit | Customer A | Customer B | Customer C | Customer D | Supply (units) |
| Factory 1 | 16 | 3 | 11 | 7 | 6 |
| Factory 2 | 10 | 0 | 6 | 1 | 1 |
| Factory 3 | 5 | 17 | 21 | 23 | 10 |
| Demand (units) | 7 | 5 | 3 | 2 |  |

**Answer**

**Solution**

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Description automatically generated

