

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 **least cost method** and calculate the ratio.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Transport cost | Customer A | Customer B | Customer C | Customer D | Supply (units) |
| Factory 1 | 13 | 14 | 22 | 18 | 6 |
| Factory 2 | 12 | 11 | 17 | 12 | 1 |
| Factory 3 | 17 | 19 | 26 | 20 | 10 |
| Demand (units) | 7 | 5 | 3 | 2 |  |

**Answer**

**Solution**

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Description automatically generated

