第1讲 Lingo软件入门的数据

表1.1 单位商品运价表

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 单位运价 销地  产地 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | 产量 |
| A1 | 6 | 2 | 6 | 7 | 4 | 2 | 5 | 9 | 60 |
| A2 | 4 | 9 | 5 | 3 | 8 | 5 | 8 | 2 | 55 |
| A3 | 5 | 2 | 1 | 9 | 7 | 4 | 3 | 3 | 51 |
| A4 | 7 | 6 | 7 | 3 | 9 | 2 | 7 | 1 | 43 |
| A5 | 2 | 3 | 9 | 5 | 7 | 2 | 6 | 5 | 41 |
| A6 | 5 | 5 | 2 | 2 | 8 | 1 | 4 | 3 | 52 |
| 销量 | 35 | 37 | 22 | 32 | 41 | 32 | 43 | 38 |  |

表1.2

|  |  |  |  |
| --- | --- | --- | --- |
| 项目 | Ⅰ | Ⅱ | 每天可用能力 |
| 设备A/h | 0 | 5 | 15 |
| 设备B/h | 6 | 2 | 24 |
| 调试工序/h | 1 | 1 | 5 |
| 利润/元 | 2 | 1 |  |

表1.3 配送中心和部队用户之间单位物资的运费和物资需求量、储备量数据

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 部队  用户 | 单位物资的运费 | | | | | | | | 需求量 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | 390.6 | 618.5 | 553 | 442 | 113.1 | 5.2 | 1217.7 | 1011 | 3000 |
| 2 | 370.8 | 636 | 440 | 401.8 | 25.6 | 113.1 | 1172.4 | 894.5 | 3100 |
| 3 | 876.3 | 1098.6 | 497.6 | 779.8 | 903 | 1003.3 | 907.2 | 40.1 | 2900 |
| 4 | 745.4 | 1037 | 305.9 | 725.7 | 445.7 | 531.4 | 1376.4 | 768.1 | 3100 |
| 5 | 144.5 | 354.6 | 624.7 | 238 | 290.7 | 269.4 | 993.2 | 974 | 3100 |
| 6 | 200.2 | 242 | 691.5 | 173.4 | 560 | 589.7 | 661.8 | 855.7 | 3400 |
| 7 | 235 | 205.5 | 801.5 | 326.6 | 477 | 433.6 | 966.4 | 1112 | 3500 |
| 8 | 517 | 541.5 | 338.4 | 219 | 249.5 | 335 | 937.3 | 701.8 | 3200 |
| 9 | 542 | 321 | 1104 | 576 | 896.8 | 878.4 | 728.3 | 1243 | 3000 |
| 10 | 665 | 827 | 427 | 523.2 | 725.2 | 813.8 | 692.2 | 284 | 3100 |
| 11 | 799 | 855.1 | 916.5 | 709.3 | 1057 | 1115.5 | 300 | 617 | 3300 |
| 12 | 852.2 | 798 | 1083 | 714.6 | 1177.4 | 1216.8 | 40.8 | 898.2 | 3200 |
| 13 | 602 | 614 | 820 | 517.7 | 899.6 | 952.7 | 272.4 | 727 | 3300 |
| 14 | 903 | 1092.5 | 612.5 | 790 | 932.4 | 1034.9 | 777 | 152.3 | 2900 |
| 15 | 600.7 | 710 | 522 | 448 | 726.6 | 811.8 | 563 | 426.8 | 3100 |
| 储备量 | 18600 | 19600 | 17100 | 18900 | 17000 | 19100 | 20500 | 17200 |  |