|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | PERIOD | | | | |
| DEMAND | 1 |  | 2 |  | 3 | |
|  | 100 |  | 160 |  | 140 | |
| CAPACITY |  |  |  |  |  | |
| Regular | 70 |  | 150 |  | 150 | |
| Overtime | 20 |  | 40 |  | 40 | |
| Subcontracting | 10 |  | 20 |  | 20 | |

Production costs per unit are as follows: Regular time $11, Overtime $14, and subcontracting $18. Inventory carrying cost per unit per period is $3. Backorder cost per unit per period is $6.

Fill as much as you can in the following tables- But do not solve the problem (do not find the decision variables).

