

PRODUCT A**Planning Parameters**

| | |
|---------------------|----|
| Leadtime | 2 |
| On-Hand | 40 |
| Lotsize | 70 |
| Safety Stock | 15 |
| Demand Time Fence | 5 |
| Planning Time Fence | 10 |

| Period | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-----------------|----|----|----|----|----|----|----|-----|----|----|----|
| Forecast | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Customer Orders | 0 | 25 | | | 20 | | | 35 | | | |
| PAB | 40 | 15 | 15 | 15 | 65 | 55 | 45 | 80 | 70 | 60 | 50 |
| MPS | | | | | 70 | | | 70 | | | |
| ATP Forward | 15 | | | | 50 | | | 35 | | | |
| ATP Cumulative | 15 | | | | 65 | | | 100 | | | |
| ATP Backward | 15 | | | | 50 | | | 35 | | | |

PRODUCT B**Planning Parameters**

| | |
|---------------------|-----|
| Leadtime | 2 |
| On-Hand | 135 |
| Lotsize | 100 |
| Safety Stock | 85 |
| Demand Time Fence | 5 |
| Planning Time Fence | 10 |

| Period | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|
| Forecast | 10 | 10 | 10 | 10 | 10 | 20 | 20 | 20 | 20 | 20 | 20 |
| Customer Orders | 10 | 15 | 5 | 5 | 20 | 5 | | 105 | | | |
| PAB | 125 | 110 | 105 | 100 | 180 | 160 | 140 | 135 | 115 | 95 | 175 |
| MPS | | | | | 100 | | | 100 | | | 100 |
| ATP Forward | 75 | | | | 75 | | | -5 | | | 100 |
| ATP Cumulative | 75 | | | | 150 | | | 145 | | | 245 |
| ATP Backward | 75 | | | | 70 | | | 0 | | | 100 |