



|            |                                          |
|------------|------------------------------------------|
| Estudiante | Castro Castro Maria Eugenia (macastro57) |
| Jugada No. | 5                                        |
| Participó  | Si                                       |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD   | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|-------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 11,625     | \$5,800,000 | \$0                          | \$29,062,500      | \$0                | \$34,862,500  |
| Febrero    | 23,159     | \$5,800,000 | \$0                          | \$57,897,500      | \$0                | \$63,697,500  |
| Marzo      | 34,636     | \$5,800,000 | \$0                          | \$86,590,000      | \$0                | \$92,390,000  |
| Abril      | 46,057     | \$5,800,000 | \$0                          | \$115,142,500     | \$0                | \$120,942,500 |
| Mayo       | 57,421     | \$5,800,000 | \$0                          | \$143,552,500     | \$0                | \$149,352,500 |
| Junio      | 68,728     | \$5,800,000 | \$0                          | \$171,820,000     | \$0                | \$177,620,000 |
| Julio      | 79,979     | \$5,800,000 | \$0                          | \$199,947,500     | \$0                | \$205,747,500 |
| Agosto     | 91,173     | \$5,800,000 | \$0                          | \$227,932,500     | \$0                | \$233,732,500 |
| Septiembre | 102,311    | \$5,800,000 | \$0                          | \$255,777,500     | \$0                | \$261,577,500 |
| Octubre    | 113,392    | \$5,800,000 | \$0                          | \$283,480,000     | \$0                | \$289,280,000 |
| Noviembre  | 124,416    | \$5,800,000 | \$0                          | \$311,040,000     | \$0                | \$316,840,000 |
| Diciembre  | 135,384    | \$5,800,000 | \$0                          | \$338,460,000     | \$0                | \$344,260,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$2,290,302,500 |
| Costo Unitario Promedio | \$12,723        |

## MEDIDAS DE DESEMPEÑO

|                           |        |
|---------------------------|--------|
| Tasa de utilización de la | 35.09% |
|---------------------------|--------|



|                                    |        |
|------------------------------------|--------|
| capacidad                          |        |
| Tasa de eficiencia de la capacidad | 10.97% |
| Colchón de capacidad               | 64.91% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 21:00 |
| Tiempo de flujo promedio | 39.9 Horas    |
| Retardo                  | 53 Horas      |
| Tardanza media           | 14.9 Horas    |
| Tardanza ponderada       | 279           |