



|            |                                     |
|------------|-------------------------------------|
| Estudiante | LIZ NATALI MIRANDA ROJAS (Imiranda) |
| 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      | 6,718      | \$4,640,000 | \$0                          | \$20,154,000      | \$0                | \$24,794,000  |
| Febrero    | 13,873     | \$4,640,000 | \$0                          | \$41,619,000      | \$0                | \$46,259,000  |
| Marzo      | 18,528     | \$4,640,000 | \$0                          | \$55,584,000      | \$0                | \$60,224,000  |
| Abril      | 23,765     | \$4,640,000 | \$0                          | \$71,295,000      | \$0                | \$75,935,000  |
| Mayo       | 28,368     | \$4,640,000 | \$0                          | \$85,104,000      | \$0                | \$89,744,000  |
| Junio      | 35,952     | \$4,640,000 | \$0                          | \$107,856,000     | \$0                | \$112,496,000 |
| Julio      | 43,405     | \$4,640,000 | \$0                          | \$130,215,000     | \$0                | \$134,855,000 |
| Agosto     | 48,229     | \$4,670,000 | \$0                          | \$144,687,000     | \$0                | \$149,357,000 |
| Septiembre | 54,488     | \$4,655,000 | \$0                          | \$163,464,000     | \$0                | \$168,119,000 |
| Octubre    | 63,047     | \$5,800,000 | \$300,000                    | \$189,141,000     | \$10,000           | \$195,251,000 |
| Noviembre  | 71,799     | \$5,800,000 | \$0                          | \$215,397,000     | \$10,000           | \$221,207,000 |
| Diciembre  | 80,814     | \$5,800,000 | \$0                          | \$242,442,000     | \$10,000           | \$248,252,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$1,526,493,000 |
| Costo Unitario Promedio | \$12,471        |

## MEDIDAS DE DESEMPEÑO

|                           |           |
|---------------------------|-----------|
| Tasa de utilización de la | 37016.89% |
|---------------------------|-----------|



|                                    |            |
|------------------------------------|------------|
| capacidad                          |            |
| Tasa de eficiencia de la capacidad | 40707.72%  |
| Colchón de capacidad               | -36916.89% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 21:00 |
| Tiempo de flujo promedio | 38.9 Horas    |
| Retardo                  | 63 Horas      |
| Tardanza media           | 17.2 Horas    |
| Tardanza ponderada       | 438           |