



|            |                                           |
|------------|-------------------------------------------|
| Estudiante | MONICA DEL PILAR ARIAS NAVARRO (mdearias) |
| 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      | 71,609     | \$23,406,915 | \$26,000,000                 | \$85,930,800      | \$7,200            | \$135,344,915   |
| Febrero    | 142,242    | \$23,406,915 | \$0                          | \$170,690,400     | \$7,200            | \$194,104,515   |
| Marzo      | 212,528    | \$23,406,915 | \$0                          | \$255,033,600     | \$7,200            | \$278,447,715   |
| Abril      | 283,437    | \$23,406,915 | \$0                          | \$340,124,400     | \$7,200            | \$363,538,515   |
| Mayo       | 354,959    | \$23,406,915 | \$0                          | \$425,950,800     | \$7,200            | \$449,364,915   |
| Junio      | 425,654    | \$23,406,915 | \$0                          | \$510,784,800     | \$7,200            | \$534,198,915   |
| Julio      | 497,056    | \$23,406,915 | \$0                          | \$596,467,200     | \$7,200            | \$619,881,315   |
| Agosto     | 567,580    | \$23,406,915 | \$0                          | \$681,096,000     | \$7,200            | \$704,510,115   |
| Septiembre | 637,707    | \$23,406,915 | \$0                          | \$765,248,400     | \$7,200            | \$788,662,515   |
| Octubre    | 708,786    | \$23,406,915 | \$0                          | \$850,543,200     | \$7,200            | \$873,957,315   |
| Noviembre  | 780,444    | \$23,406,915 | \$0                          | \$936,532,800     | \$7,200            | \$959,946,915   |
| Diciembre  | 851,280    | \$23,406,915 | \$0                          | \$1,021,536,000   | \$7,200            | \$1,044,950,115 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$6,946,907,780 |
| Costo Unitario Promedio | \$7,941         |

## MEDIDAS DE DESEMPEÑO

|                           |           |
|---------------------------|-----------|
| Tasa de utilización de la | 13016.45% |
|---------------------------|-----------|



|                                    |            |
|------------------------------------|------------|
| capacidad                          |            |
| Tasa de eficiencia de la capacidad | 4597.15%   |
| Colchón de capacidad               | -12916.45% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 17:00 |
| Tiempo de flujo promedio | 36.5 Horas    |
| Retardo                  | 67 Horas      |
| Tardanza media           | 10.7 Horas    |
| Tardanza ponderada       | 171           |