



|            |                                            |
|------------|--------------------------------------------|
| Estudiante | CARLOS DANIEL PEDRAZA MARTINEZ (cdpedraza) |
| 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      | 8,093      | \$5,200,000 | \$1,000,000                  | \$80,930,000      | \$0                | \$87,130,000    |
| Febrero    | 15,868     | \$5,200,000 | \$0                          | \$158,680,000     | \$0                | \$163,880,000   |
| Marzo      | 24,007     | \$5,200,000 | \$0                          | \$240,070,000     | \$0                | \$245,270,000   |
| Abril      | 31,721     | \$5,200,000 | \$0                          | \$317,210,000     | \$0                | \$322,410,000   |
| Mayo       | 40,136     | \$5,200,000 | \$0                          | \$401,360,000     | \$0                | \$406,560,000   |
| Junio      | 48,496     | \$5,200,000 | \$0                          | \$484,960,000     | \$0                | \$490,160,000   |
| Julio      | 58,830     | \$6,500,000 | \$500,000                    | \$588,300,000     | \$0                | \$595,300,000   |
| Agosto     | 68,902     | \$6,500,000 | \$0                          | \$689,020,000     | \$0                | \$695,520,000   |
| Septiembre | 76,983     | \$5,200,000 | \$1,000,000                  | \$769,830,000     | \$0                | \$776,030,000   |
| Octubre    | 84,882     | \$5,200,000 | \$0                          | \$848,820,000     | \$0                | \$854,020,000   |
| Noviembre  | 92,746     | \$5,200,000 | \$0                          | \$927,460,000     | \$0                | \$932,660,000   |
| Diciembre  | 103,225    | \$6,500,000 | \$500,000                    | \$1,032,250,000   | \$0                | \$1,039,250,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$6,608,190,000 |
| Costo Unitario Promedio | \$44,990        |

## MEDIDAS DE DESEMPEÑO

|                           |        |
|---------------------------|--------|
| Tasa de utilización de la | 43.86% |
|---------------------------|--------|



|                                    |        |
|------------------------------------|--------|
| capacidad                          |        |
| Tasa de eficiencia de la capacidad | 13.87% |
| Colchón de capacidad               | 56.14% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 19:00 |
| Tiempo de flujo promedio | 51.8 Horas    |
| Retardo                  | 61 Horas      |
| Tardanza media           | 13.8 Horas    |
| Tardanza ponderada       | 394           |