



|            |                                       |
|------------|---------------------------------------|
| Estudiante | Cardenas Castro Yohanna (yocardenas8) |
| 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      | 1,852      | \$1,300,000 | \$4,000,000                  | \$18,520,000      | \$0                | \$23,820,000  |
| Febrero    | 3,441      | \$1,300,000 | \$0                          | \$34,410,000      | \$0                | \$35,710,000  |
| Marzo      | 4,516      | \$1,300,000 | \$0                          | \$45,160,000      | \$0                | \$46,460,000  |
| Abril      | 6,086      | \$1,300,000 | \$0                          | \$60,860,000      | \$0                | \$62,160,000  |
| Mayo       | 4,227      | \$0         | \$1,000,000                  | \$42,270,000      | \$0                | \$43,270,000  |
| Junio      | 9,452      | \$2,600,000 | \$1,000,000                  | \$94,520,000      | \$0                | \$98,120,000  |
| Julio      | 11,185     | \$1,300,000 | \$1,000,000                  | \$111,850,000     | \$0                | \$114,150,000 |
| Agosto     | 12,680     | \$1,300,000 | \$0                          | \$126,800,000     | \$0                | \$128,100,000 |
| Septiembre | 10,038     | \$0         | \$1,000,000                  | \$100,380,000     | \$0                | \$101,380,000 |
| Octubre    | 15,115     | \$2,600,000 | \$1,000,000                  | \$151,150,000     | \$0                | \$154,750,000 |
| Noviembre  | 16,771     | \$1,300,000 | \$1,000,000                  | \$167,710,000     | \$0                | \$170,010,000 |
| Diciembre  | 18,307     | \$1,300,000 | \$0                          | \$183,070,000     | \$0                | \$184,370,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$1,162,300,000 |
| Costo Unitario Promedio | \$26,905        |

## MEDIDAS DE DESEMPEÑO

|                           |        |
|---------------------------|--------|
| Tasa de utilización de la | 20.87% |
|---------------------------|--------|



|                                    |        |
|------------------------------------|--------|
| capacidad                          |        |
| Tasa de eficiencia de la capacidad | 17.41% |
| Colchón de capacidad               | 79.13% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 13:00 |
| Tiempo de flujo promedio | 31.2 Horas    |
| Retardo                  | 47 Horas      |
| Tardanza media           | 6.8 Horas     |
| Tardanza ponderada       | 260           |