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| Estudiante | Vanegas Guzman Carlos Andres (cavanegas3) |
| Jugada No. | 4   |
| Participó  | Si  |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD    | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|--------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 6,030      | \$10,101,091 | \$2,500,000                  | \$18,090,000      | \$0                | \$30,691,091  |
| Febrero    | 12,986     | \$11,544,104 | \$300,000                    | \$38,958,000      | \$0                | \$50,802,104  |
| Marzo      | 18,908     | \$10,101,091 | \$500,000                    | \$56,724,000      | \$0                | \$67,325,091  |
| Abril      | 25,933     | \$11,544,104 | \$300,000                    | \$77,799,000      | \$0                | \$89,643,104  |
| Mayo       | 32,932     | \$11,544,104 | \$0                          | \$98,796,000      | \$0                | \$110,340,104 |
| Junio      | 39,747     | \$11,544,104 | \$0                          | \$119,241,000     | \$0                | \$130,785,104 |
| Julio      | 47,284     | \$12,987,117 | \$300,000                    | \$141,852,000     | \$0                | \$155,139,117 |
| Agosto     | 53,139     | \$10,101,091 | \$1,000,000                  | \$159,417,000     | \$0                | \$170,518,091 |
| Septiembre | 60,842     | \$12,987,117 | \$600,000                    | \$182,526,000     | \$0                | \$196,113,117 |
| Octubre    | 66,735     | \$10,101,091 | \$1,000,000                  | \$200,205,000     | \$0                | \$211,306,091 |
| Noviembre  | 72,591     | \$10,101,091 | \$0                          | \$217,773,000     | \$0                | \$227,874,091 |
| Diciembre  | 79,532     | \$11,544,104 | \$300,000                    | \$238,596,000     | \$0                | \$250,440,104 |

## RESULTADOS PLANEACIÓN AGREGADA

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$1,690,977,209 |
| Costo Unitario Promedio | \$13,889        |



## MEDIDAS DE DESEMPEÑO

|                                     |         |
|-------------------------------------|---------|
| Tasa de utilización de la capacidad | 153.86% |
| Tasa de eficiencia de la capacidad  | 136.96% |
| Colchón de capacidad                | -53.86% |

## COSTOS DEL PLAN DE REQUERIMIENTO DE MATERIALES (MRP)

| Período              | -5    | -4    | -3    | -2    | -1    | 0     | 1      | 2     | 3      | 4     | 5     | 6     |
|----------------------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|-------|-------|
| Costos del Insumo    | 16544 | 14176 | 21632 | 11136 | 9568  | 8128  | 9536   | 8384  | 14944  | 7008  | 8896  | 10368 |
| Costos de Inventario | 70265 | 81236 | 74244 | 79557 | 79925 | 84341 | 98302  | 75026 | 94714  | 74290 | 76130 | 81489 |
| Costos Totales       | 86809 | 95412 | 95876 | 90693 | 89493 | 92469 | 107838 | 83410 | 109658 | 81298 | 85026 | 91857 |