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| Estudiante | Cedeno Edward Andres (eacedeno) |
| Jugada No. | 4 |
| Participó | Si |

COSTOS DE LA PLANEACIÓN AGREGADA

| Período | Inventario | Costo MOD | Costo Contratar/ Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|--------------|------------------------------|-------------------|--------------------|-----------------|
| Enero | 61,550 | \$59,377,120 | \$9,000,000 | \$184,650,000 | \$0 | \$253,027,120 |
| Febrero | 122,962 | \$59,377,120 | \$0 | \$368,886,000 | \$0 | \$428,263,120 |
| Marzo | 185,753 | \$60,726,600 | \$300,000 | \$557,259,000 | \$0 | \$618,285,600 |
| Abril | 249,913 | \$62,076,080 | \$300,000 | \$749,739,000 | \$0 | \$812,115,080 |
| Mayo | 315,432 | \$63,425,560 | \$300,000 | \$946,296,000 | \$0 | \$1,010,021,560 |
| Junio | 382,330 | \$64,775,040 | \$300,000 | \$1,146,990,000 | \$0 | \$1,212,065,040 |
| Julio | 450,598 | \$66,124,520 | \$300,000 | \$1,351,794,000 | \$0 | \$1,418,218,520 |
| Agosto | 520,241 | \$67,474,000 | \$300,000 | \$1,560,723,000 | \$0 | \$1,628,497,000 |
| Septiembre | 589,820 | \$67,474,000 | \$0 | \$1,769,460,000 | \$0 | \$1,836,934,000 |
| Octubre | 659,347 | \$67,474,000 | \$0 | \$1,978,041,000 | \$0 | \$2,045,515,000 |
| Noviembre | 728,799 | \$67,474,000 | \$0 | \$2,186,397,000 | \$0 | \$2,253,871,000 |
| Diciembre | 798,190 | \$67,474,000 | \$0 | \$2,394,570,000 | \$0 | \$2,462,044,000 |

RESULTADOS PLANEACIÓN AGREGADA

| | |
|-------------------------|------------------|
| Costo Total | \$15,978,857,040 |
| Costo Unitario Promedio | \$19,365 |



MEDIDAS DE DESEMPEÑO

| | |
|-------------------------------------|---------|
| Tasa de utilización de la capacidad | 112.13% |
| Tasa de eficiencia de la capacidad | 5.53% |
| Colchón de capacidad | -12.13% |

COSTOS DEL PLAN DE REQUERIMIENTO DE MATERIALES (MRP)

| Período | -5 | -4 | -3 | -2 | -1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Costos del Insumo | 4232 | 4416 | 4554 | 4738 | 4876 | 5106 | 5290 | 5428 | 5566 | 5750 | 5888 | 6026 |
| Costos de Inventario | 780 | 810 | 810 | 840 | 840 | 870 | 900 | 900 | 930 | 960 | 960 | 990 |
| Costos Totales | 5012 | 5226 | 5364 | 5578 | 5716 | 5976 | 6190 | 6328 | 6496 | 6710 | 6848 | 7016 |