



|            |                                        |
|------------|----------------------------------------|
| Estudiante | Contreras Cano Jose Noe (jocontreras8) |
| 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      | 3,277      | \$4,473,396  | \$5,000,000                  | \$9,831,000       | \$10,000           | \$19,314,396  |
| Febrero    | 8,094      | \$6,687,594  | \$300,000                    | \$24,282,000      | \$10,000           | \$31,279,594  |
| Marzo      | 16,111     | \$11,115,990 | \$600,000                    | \$48,333,000      | \$10,000           | \$60,058,990  |
| Abril      | 19,327     | \$4,473,396  | \$1,500,000                  | \$57,981,000      | \$10,000           | \$63,964,396  |
| Mayo       | 28,941     | \$13,330,188 | \$1,200,000                  | \$86,823,000      | \$10,000           | \$101,363,188 |
| Junio      | 35,347     | \$8,886,792  | \$1,000,000                  | \$106,041,000     | \$10,000           | \$115,937,792 |
| Julio      | 40,158     | \$6,672,594  | \$500,000                    | \$120,474,000     | \$10,000           | \$127,656,594 |
| Agosto     | 46,567     | \$8,886,792  | \$300,000                    | \$139,701,000     | \$10,000           | \$148,897,792 |
| Septiembre | 52,969     | \$8,871,792  | \$0                          | \$158,907,000     | \$10,000           | \$167,788,792 |
| Octubre    | 64,170     | \$15,514,386 | \$900,000                    | \$192,510,000     | \$10,000           | \$208,934,386 |
| Noviembre  | 68,968     | \$6,657,594  | \$2,000,000                  | \$206,904,000     | \$10,000           | \$215,571,594 |
| Diciembre  | 81,791     | \$17,773,584 | \$1,500,000                  | \$245,373,000     | \$10,000           | \$264,656,584 |

## RESULTADOS PLANEACIÓN AGREGADA

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$1,525,424,098 |
| Costo Unitario Promedio | \$18,693        |



## MEDIDAS DE DESEMPEÑO

|                                     |        |
|-------------------------------------|--------|
| Tasa de utilización de la capacidad | 100.5% |
| Tasa de eficiencia de la capacidad  | 50.25% |
| Colchón de capacidad                | -0.5%  |

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

| Período              | -5   | -4   | -3   | -2   | -1  | 0    | 1    | 2    | 3    | 4   | 5    | 6    |
|----------------------|------|------|------|------|-----|------|------|------|------|-----|------|------|
| Costos del Insumo    | 3564 | 1782 | 4455 | 1782 | 891 | 3564 | 3564 | 3564 | 2673 | 891 | 1782 | 3564 |
| Costos de Inventario | 156  | 156  | 260  | 208  | 52  | 208  | 208  | 312  | 156  | 52  | 156  | 364  |
| Costos Totales       | 3720 | 1938 | 4715 | 1990 | 943 | 3772 | 3772 | 3876 | 2829 | 943 | 1938 | 3928 |