Ejercicio 1

|  |  |
| --- | --- |
| Pa = $100 | Pb = $75 |
| C = $50 |  |
| F=$5000 |  |
| Qa = 1000u | Qb = 1500u |
| Costo total = $5000 + $50 x 1000u = $55000 | Costo total = $5000 + $50 x 1500u = $75000 |
| Ingreso total = $100 x 1000u = $100000 | Ingreso total = $75 x 1500u = $112500 |
| Qea = F/(p-c) = $5000 / $100 - $50 = 100u | Qeb = F/(p-c) = $5000 / $75 - $50 = 200u |

Conviene Gb pero conviene Qe

Ejercicio 2

|  |  |
| --- | --- |
| Pa = $2000 | Pb = $1500 |
| C = $500 |  |
| F=$30000 |  |
| Qa = 100u | Qb = 200u |
| Costo total = $30000 + $500x 100u = $80000 | Costo total = $30000 + $500x 200u = $130000 |
| Ingreso total = $2000x 100u = $200000 | Ingreso total = $1500 x 200u = $300000 |
| Qea = F/(p-c) = $30000 / $2000- $500= 20u | Qeb = F/(p-c) = $30000 / $1500- $500= 30u |

Conviene más en los dos casos A

Ejercicio 3

P = $50

C = $20

Q = 1000u

Ganancias totales = $50 x 1000u = $50000

Gastos totales = F + $20 x 1000u = F + $20000

Fmax = Ganancias totales – C x Q = $50000 - $20000 = $30000(F máximo)