

A) What ticket price would generate the maximum income? Where is this shown on the graph?

At the maximum of parabola (5,1000)

Maximum at tix price

\$\frac{1}{2} \frac{5}{2} \text{000}\$

B) For what ticket price would the operating cost be equal to the income from ticket sales? 110.00

Write and solve an inequality to show where the operating cost is greater than the income from ticket sales.

D) Write and solve an inequality to show where the income from ticket sales is greater than the operating cost.

t > 0.C.