$X = \# \text{ reserved seating tickets}$

$Y = \# \text{ general admission tickets}$

$150 \leq x \leq 800$

$y \geq 0$

$x + y \leq 2400$

Revenue:
- Tickets revenue = $29x + 24y$
- T-shirt revenue = $(0.65x+0.35y)(20)$

OR Total Revenue = $29x + 0.65(x)(20) + 24y + 0.35(y)(20)$

OR Total Revenue = $36x + 37y$

OR
Computation:

\[ x = \text{General Admission} \]
\[ y = \text{Reserved seating} \]

(4) Revenue (or profit or totals) = \( 24x + 29y + 0.65x(20) + 0.35y(20) = 37x + 36y \)

(3) Ticket Revenue = \( 24x + 29y \)
T-Shirt Revenue = \( 13x + 7y = 20(0.65x + 0.35y) \)