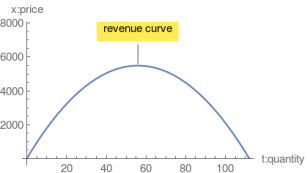


2.

2. (A) Basis for the Revenue model is a simple multiplication:

$$\text{Revenue} = \text{Price} \times \text{Quantity} = \left(-\frac{7}{4}t + 196\right) \times t = 196t - \frac{7t^2}{4}$$

Notice the latter is a quadratic:



(B) Domain starts at 0 CanadianDollars revenue up to t-intercept coordinate equal to twice the value of vertex of the Parabola:  
112

(D) The maximum occurs at the vertex t-intercept coordinate:

56

or the amount 5488. CanadianDollars .