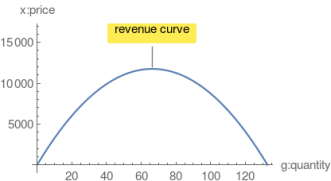


2.

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

$$\text{Revenue} = \text{Price} \times \text{Quantity} = \left(-\frac{8}{3}g + 354\right) \times g = 354g - \frac{8g^2}{3}$$

Notice the latter is a quadratic:



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

$$\frac{531}{4}$$

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

$$\frac{531}{8}$$

or the amount 11748.4 Euros .