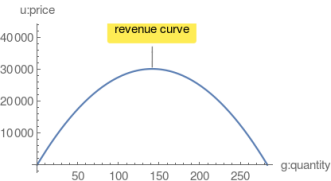


2.

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

$$\text{Revenue} = \text{Price} \times \text{Quantity} = \left(-\frac{3}{2}g + 425\right) \times g = 425g - \frac{3g^2}{2}$$

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:

$$\frac{850}{3}$$

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

$$\frac{425}{3}$$

or the amount 30104.2 Euros .