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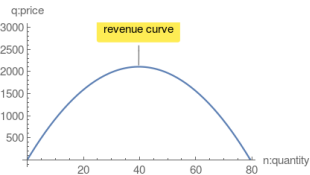
2. (1) Basis for the Revenue model is a simple multiplication:

Revenue $= \text{Price} \times \text{Quantity} = (-\frac{4}{3}n + 106) \times n = 106\,n - \frac{4\,n^2}{3}$

Notice the latter is a quadratic:

(2) Domain starts at 0 BritishPounds revenue up to n-intercept coordinate equal to twice the value of vertex of the Parabola:

$\frac{159}{2}$

(4) The maximum occurs at the vertex n-intercept coordinate:

$\frac{159}{4}$

or the amount 2106.75 BritishPounds .