xprice revenue curve 15000 5000 Formula (1500 Formula (150

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

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

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

Revenue = Price×Quantity =  $\left(-\frac{8}{9}c + 216\right) \times c = 216c - \frac{8c^2}{9}$ 

Notice the latter is a quadratic:

or the amount 13122. BritishPounds .

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