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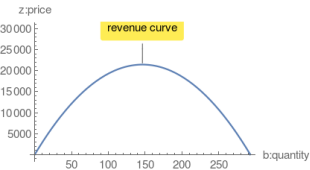
1. (A) Basis for the Revenue model is a simple multiplication:

Revenue $=$ Price$\times$Quantity $=$ $(-1b+293)$ $\times$ b $=$ $293\,b-b^2$

Notice the latter is a quadratic:

(B) Domain starts at 0 BritishPounds revenue up to b-intercept coordinate equal to twice the value of vertex of the Parabola: 293

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

$$\frac{293}{2}$$

or the amount 21462.3 BritishPounds .