```
Notice the latter is a quadratic:
7000 :
             revenue curve
6000
5000
4000
3000
```

(2) Domain starts at 0 BritishPounds revenue up to z-intercept coordinate equal to twice the value of vertex of the Parabola: (4) The maximum occurs at the vertex z-intercept coordinate:

or the amount 4826.53 BritishPounds .

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

Revenue = Price×Quantity = $(-\frac{8}{9}z+131) \times z = 131z - \frac{8z^2}{9}$