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

Revenue = Price×Quantity = \left(-\frac{2}{3}x+136\right) \times x = 136 \times -\frac{2x^2}{3}
Notice the latter is a quadratic:
10000 [
             revenue curve
8000
6000
4000
2000
(2) Domain starts at 0 BritishPounds revenue up to x-intercept coordinate equal to twice the value of vertex of the Parabola:
```

(2) Domain Starts at 6 bittishrounds revenue up to x-intercept coordinate equal to twice the value of vertex of the raise 204.

(A) The maximum occurs at the vertex x intercept coordinate:

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

or the amount 6936. BritishPounds .