```
Notice the latter is a quadratic:
s:price
7000 E
              revenue curve
6000
5000
4000
2000
```

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

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

1. (a) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity =  $(-\frac{5}{4}b+157) \times b = 157b - \frac{5b^2}{4}$ 

1000

or the amount 4929.8 BritishPounds .