```
Revenue = Price\timesQuantity = (-1k+166) \times k = 166 k - k^2
Notice the latter is a quadratic:
            revenue curve
8000
6000
4000
2000
(b) Domain starts at 0 Euros revenue up to k-intercept coordinate equal to twice the value of vertex of the Parabola:
166
(d) The maximum occurs at the vertex k-intercept coordinate:
```

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

or the amount 6889. Euros .