```
Notice the latter is a quadratic:
25 000
20 000
15000
10000
5000
(b) Domain starts at 0 Euros revenue up to k-intercept coordinate equal to twice the value of vertex of the Parabola:
```

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

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

Revenue = Price×Quantity = $(-\frac{4}{7}k+213) \times k = 213 k - \frac{4k^2}{7}$

1491

or the amount 19848.9 Euros .