```
Notice the latter is a quadratic:

pprice

10000

10000

Kcquantity
```

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

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

The maximum occurs at the vertex k-intercept coordinate:

or the amount 34715.6 Euros .

Revenue = Price×Quantity =  $(-\frac{6}{7}k+345) \times k = 345 k - \frac{6k^2}{7}$