```
Notice the latter is a quadratic:
n:price
            revenue curve
6000 -
5000
4000 -
3000
2000 -
(2) Domain starts at 0 Euros revenue up to a-intercept coordinate equal to twice the value of vertex of the Parabola:
```

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

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

or the amount 4556.25 Euros .

Revenue = Price $\times$ Quantity =  $(-9a+405) \times a = 405a - 9a^2$