```
Revenue = Price\timesOuantity = (-4e+492) \times e = 492 \cdot e - 4 \cdot e^2
Notice the latter is a quadratic:
 v:price
               revenue curve
20 000
15000
10000
5000
```

(b) Domain starts at 0 Euros revenue up to e-intercept coordinate equal to twice the value of vertex of the Parabola:123(d) The maximum occurs at the vertex e-intercept coordinate:

123

or the amount 15129. Euros .

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