```
Revenue = Price×Quantity = (-\frac{7}{4}j+403) \times j = 403j - \frac{7j^2}{4}
Notice the latter is a quadratic:
             revenue curve
30 000
20 000
15000
10000
5000
(b) Domain starts at 0 Euros revenue up to j-intercept coordinate equal to twice the value of vertex of the Parabola:
1612
```

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

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

or the amount 23201.3 Euros .