```
Revenue = Price×Quantity = (-\frac{5}{9}c+403) \times c = 403c - \frac{5c^2}{9}
Notice the latter is a quadratic:
100 000
             revenue curve
80 000
60 000
40 000
20 000
(b) Domain starts at 0 Euros revenue up to c-intercept coordinate equal to twice the value of vertex of the Parabola:
```

or the amount 73084.1 Euros .

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

The maximum occurs at the vertex c-intercept coordinate: