```
Revenue = Price×Quantity = (-\frac{4}{6}b+378) \times b = 378b - \frac{4b^2}{6}
Notice the latter is a quadratic:
 y:price
               revenue curve
60 000
50 000
40 000
30 000
```

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

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

or the amount 44651.3 RussianRubles .

20 000 10000

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