```
Revenue = Price\timesQuantity = (-2n+442) \times n = 442 n - 2 n^2
Notice the latter is a quadratic:
 e:price
35 000 E
              revenue curve
30000
20 000
15000
10000
5000
```

(b) Domain starts at 0 USDollars revenue up to n-intercept coordinate equal to twice the value of vertex of the Parabola: 221 (d) The maximum occurs at the vertex n-intercept coordinate:

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

or the amount 24420.5 USDollars .