```
Notice the latter is a quadratic:
p:price
              revenue curve
5000
4000
3000
2000
1000
```

(b) Domain starts at 0 Euros revenue up to r-intercept coordinate equal to twice the value of vertex of the Parabola: 121

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

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

Revenue = Price \times Quantity = $(-1r+121) \times r = 121 r - r^2$

or the amount 3660.25 Euros .