```
Revenue = Price×Quantity = \left(-\frac{1}{2}t+139\right) \times t = 139 t - \frac{t^2}{2}
Notice the latter is a quadratic:
 a:price
14000 r
              revenue curve
12000
8000
6000
4000
2000
(b) Domain starts at 0 Euros revenue up to t-intercept coordinate equal to twice the value of vertex of the Parabola:
```

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

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

278

139

or the amount 9660.5 Euros .