```
Revenue = Price×Quantity = (-\frac{3}{4}m+108) \times m = 108 m - \frac{3 m^2}{4}
Notice the latter is a quadratic:
s:price
            revenue curve
4000
2000
(b) Domain starts at 0 Euros revenue up to m-intercept coordinate equal to twice the value of vertex of the Parabola:
144
```

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

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

or the amount 3888. Euros .