```
Revenue = Price×Quantity = (-\frac{1}{2}r+168) \times r = 168 r - \frac{r^2}{2}
Notice the latter is a quadratic:
 b:price
            revenue curve
15 000
10000
(2) Domain starts at 0 Euros revenue up to r-intercept coordinate equal to twice the value of vertex of the Parabola:
336
(4) The maximum occurs at the vertex r-intercept coordinate:
```

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

168

or the amount 14112. Euros .