```
Revenue = Price×Quantity = \left(-\frac{1}{2}z + 447\right) \times z = 447z - \frac{z^2}{2}
Notice the latter is a quadratic:
  h:price
140 000 E
              revenue curve
120 000
100 000
80 000
60 000
40 000
20 000
(B) Domain starts at 0 Euros revenue up to z-intercept coordinate equal to twice the value of vertex of the Parabola:
894
```

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

(D) The maximum occurs at the vertex z-intercept coordinate:

447

or the amount 99904.5 Euros .