```
Revenue = Price×Quantity = \left(-\frac{1}{3}W+415\right) \times W = 415W - \frac{W^2}{3}
Notice the latter is a quadratic:
  n:price
              revenue curve
150 000
100 000
(B) Domain starts at 0 Euros revenue up to w-intercept coordinate equal to twice the value of vertex of the Parabola:
```

1245 (D) The maximum occurs at the vertex w-intercept coordinate: 1245

 $rac{1245}{2}$ or the amount 129169. Euros .

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