```
Notice the latter is a quadratic:
 c:price
80,000
60,000
40 000
(B) Domain starts at 0 Euros revenue up to q-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 q-intercept coordinate:

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or the amount 60552. Euros .

Revenue = Price×Quantity = $\left(-\frac{8}{9}q+464\right) \times q = 464 q - \frac{8q^2}{9}$