```
w:price
3000 }
                   revenue curve
2500
2000
1000
500
```

(2) Domain starts at 0 USDollars revenue up to n-intercept coordinate equal to twice the value of vertex of the Parabola:

The maximum occurs at the vertex n-intercept coordinate:

 (1) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity = $\left(-\frac{10}{2}n+169\right) \times n = 169 n - \frac{10 n^2}{2}$

Notice the latter is a quadratic:

or the amount 2142.07 USDollars .