```
Revenue = Price×Quantity = (-\frac{5}{9}v+214) \times v = 214v - \frac{5v^2}{9}
Notice the latter is a quadratic:
30000
               revenue curve
25 000
20 000
15000
```

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

(B) Domain starts at 0 RussianRubles revenue up to v-intercept coordinate equal to twice the value of vertex of the Parabola:

1926 (D) The maximum occurs at the vertex v-intercept coordinate:

10 000 5000

or the amount 20608.2 RussianRubles .