```
Notice the latter is a quadratic:
             revenue curve
15000
10000
```

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

(d) The maximum occurs at the vertex p-intercept coordinate:

or the amount 12055.8 RussianRubles .

1. (a) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity = $(-\frac{4}{7}p+166) \times p = 166 p - \frac{4p^2}{7}$

5000