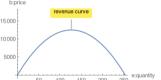
3. (1) Basis for the Revenue model is a simple multiplication: Revenue = Price \times Quantity = $(-\frac{7}{9}e+197) \times e = 197e - \frac{7e^2}{9}$ Notice the latter is a quadratic:



or the amount 12474.3 RussianRubles .

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

(4) The maximum occurs at the vertex e-intercept coordinate:

1773 14