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

Revenue = Price\timesOuantity = (-1u+174) \times u = 174 u - u^2
Notice the latter is a quadratic:
 v:price
            revenue curve
10 000
8000
6000
4000
2000
(2) Domain starts at 0 RussianRubles revenue up to u-intercept coordinate equal to twice the value of vertex of the Parabola:
174
```

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

or the amount 7569. RussianRubles .