```
x:price

revenue curve
```

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

514 5 (4) The maximum occurs at the vertex w-intercept coordinate:

257 5

1. (1) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity = $(-\frac{5}{9}W+257)\times W=257\,W-\frac{5W^2}{2}$

Notice the latter is a quadratic:

or the amount 6604.9 RussianRubles .