```
Revenue = Price\timesQuantity = (-\frac{1}{9}c + 401) \times c = 401c - \frac{c^2}{9}
Notice the latter is a quadratic:

tprice

revenue curve

400000

1000000
```

(b) Domain starts at 0 RussianRubles revenue up to c-intercept coordinate equal to twice the value of vertex of the Parabola:3609(d) The maximum occurs at the vertex c-intercept coordinate:

7 THE MAXIMUM OCCURS AT THE VELLEX C INTELLECT CONTAINATE.

or the amount 361802. RussianRubles .

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