```
Notice the latter is a quadratic:

tprice
15000

revenue curve
```

(b) Domain starts at 0 RussianRubles revenue up to h-intercept coordinate equal to twice the value of vertex of the Parabola:  $\frac{828}{\epsilon}$ 

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

the maximum occurs at the vertex in intercept coordinates

or the amount 11426.4 RussianRubles .

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

Revenue = Price×Quantity =  $\left(-\frac{5}{3}h+276\right) \times h = 276h - \frac{5h^2}{3}$ 

5000