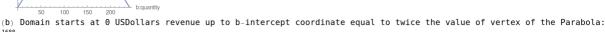
```
Revenue = Price×Quantity = (-\frac{7}{8}b+211) \times b = 211b - \frac{7b^2}{8}

Notice the latter is a quadratic:

xprice

tevenue curve

15000-
```



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

or the amount 12720.3 USDollars .

10 000 5000

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