```
Revenue = Price×Quantity = \left(-\frac{7}{10}u+155\right) \times u = 155 u - \frac{7u^2}{10}
Notice the latter is a quadratic:
12000 [
                 revenue curve
10000
```

(b) Domain starts at 0 USDollars revenue up to u-intercept coordinate equal to twice the value of vertex of the Parabola:

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

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

or the amount 8580.35 USDollars .