```
Notice the latter is a quadratic:

zprice
1000 revenue curve
800
400
200
```

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

o(d) The maximum occurs at the vertex e-intercept coordinate: 151

or the amount 712.53 USDollars .

4. (a) Basis for the Revenue model is a simple multiplication: Revenue = $Price \times 0$ uantity = $(-8e + 151) \times e = 151e - 8e^2$