```
Notice the latter is a quadratic:
 x:price
            revenue curve
30 000
25 000
20 000
15 000
10 000
5000
(b) Domain starts at 0 CanadianDollars revenue up to n-intercept coordinate equal to twice the value of vertex of the Parabola:
```

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

Revenue = Price \times Quantity = $(-1n+307) \times n = 307 n - n^2$

or the amount 23562.3 CanadianDollars .

307
(d) The maximum occurs at the vertex n-intercept coordinate:
307