```
Notice the latter is a quadratic:
yardee
15000
10000
5000
4.quantity
```

(2) Domain starts at 0 CanadianDollars revenue up to a-intercept coordinate equal to twice the value of vertex of the Parabola:

(4) The maximum occurs at the vertex a-intercept coordinate: $\frac{183}{2}$ or the amount 11163. CanadianDollars .

1. (1) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity = $(-\frac{4}{3}a+244) \times a = 244 a - \frac{4a^2}{3}$

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