```
Notice the latter is a quadratic:

cprice

revenue curve

wouwritty
```

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

3. (1) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity = $(-\frac{5}{2}w+105) \times w = 105 w - \frac{5w^2}{2}$

(4) The maximum occurs at the vertex w-intercept coordinate:

or the amount 1102.5 CanadianDollars .