Revenue = Price×Quantity = $(-\frac{1}{5}w+329) \times w = 329 w - \frac{w^2}{5}$ Notice the latter is a quadratic:

| Topology | Tevenue curve | Tevenue

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

or the amount 135301. CanadianDollars .

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

1645

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

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