```
Revenue = Price×Quantity = (-\frac{1}{2}g+311) \times g = 311g - \frac{g^2}{2}
Notice the latter is a quadratic:
  r:price
             revenue curve
200 000
150 000
100 000
50 000
(2) Domain starts at 0 Yen revenue up to q-intercept coordinate equal to twice the value of vertex of the Parabola:
2177
(4) The maximum occurs at the vertex g-intercept coordinate:
```

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

2177

or the amount 169262. Yen .