```
Revenue = Price×Quantity = (-\frac{7}{6}q+394) \times q = 394 q - \frac{7q^2}{6}
Notice the latter is a quadratic:
               revenue curve
40 000
30 000
20 000
10000
```

(2) Domain starts at 0 Yen revenue up to q-intercept coordinate equal to twice the value of vertex of the Parabola: 2364

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

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

1182 or the amount 33264.9 Yen .