```
Revenue = Price×Quantity = (-\frac{9}{7}d+367) \times d = 367 d - \frac{9 d^2}{7}

Notice the latter is a quadratic:

v:price

revenue curve
```

(2) Domain starts at 0 Yen revenue up to d-intercept coordinate equal to twice the value of vertex of the Parabola: 2569

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

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

<u>2569</u> 18 or the amount 26189.5 Yen .

20 000