```
Revenue = Price\timesQuantity = \left(-\frac{9}{2}a+168\right) \times a = 168 a - \frac{9 a^2}{2}
Notice the latter is a quadratic:
g:price
                revenue curve
1500
```

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

The maximum occurs at the vertex a-intercept coordinate:

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

1000 500

or the amount 1568. Yen .