1.

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

Revenue = Price×Quantity = $(-\frac{1}{5}c+258) \times c$ = $258\,c - \frac{c^2}{5}$

Notice the latter is a quadratic:
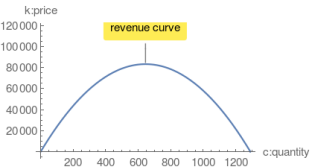
(B) Domain starts at 0 RussianRubles revenue up to c-intercept coordinate equal to twice the value of vertex of the Parabola:
1290

(D) The maximum occurs at the vertex c-intercept coordinate:
645

or the amount 83205. RussianRubles .