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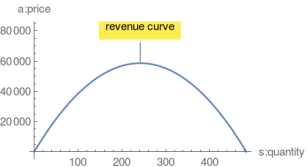
1. (A) Basis for the Revenue model is a simple multiplication:

Revenue = Price×Quantity = $(-1s+484) \times s = 484\,s - s^2$

Notice the latter is a quadratic:



(B) Domain starts at 0 CanadianDollars revenue up to s−intercept coordinate equal to twice the value of vertex of the Parabola:
484

(D) The maximum occurs at the vertex s−intercept coordinate:
242

or the amount 58564. CanadianDollars .