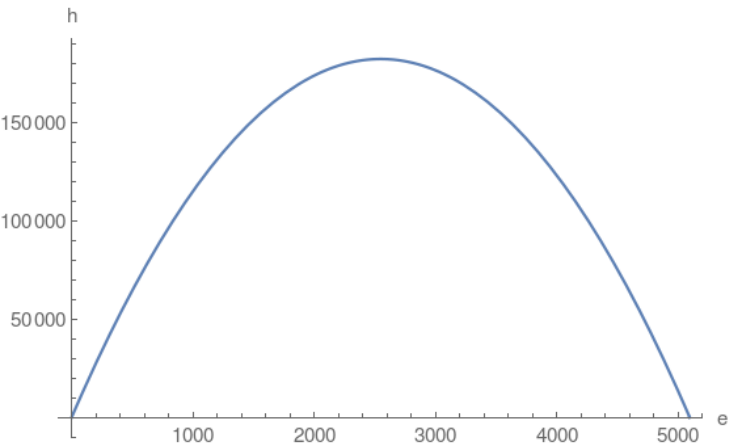


2.

2. (a) To find the MIN/MAX, first calculate the vertex:

$$\text{vertex} = \frac{-143}{2 \frac{(-22)}{28^2}} = 2548$$



since the height  $h$  of the projectile is modeled by a Parabola equation.