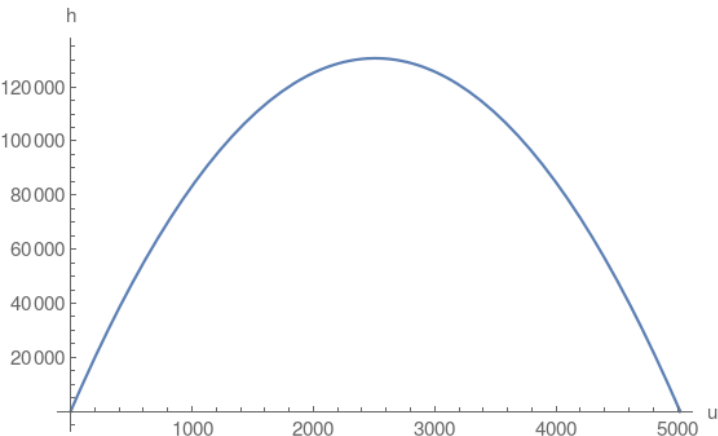


3.

3. (1) To compute the MIN/MAX, first calculate the vertex:

$$\text{vertex} = \frac{-104}{2 \frac{(-14)}{26^2}} = \frac{17576}{7}$$



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