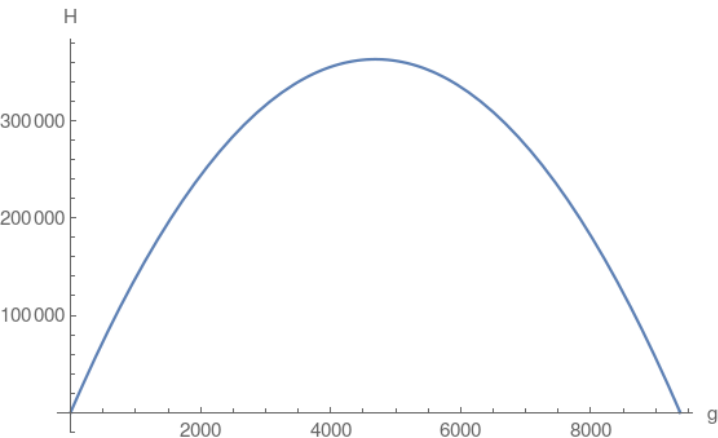


4.

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

$$\text{vertex} = \frac{-155}{2 \frac{(-18)}{33^2}} = \frac{18755}{4}$$



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