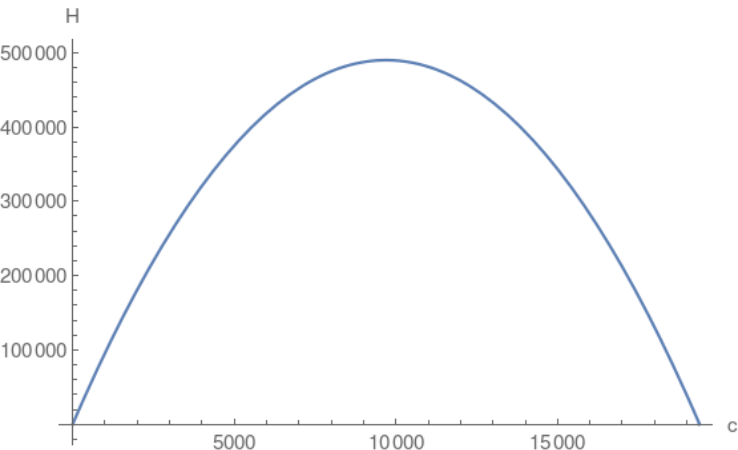


2.

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

$$\text{vertex} = \frac{-101}{2 \frac{(-12)}{48^2}} = 9696$$



since the height H of the projectile is modeled by a Parabola formula.