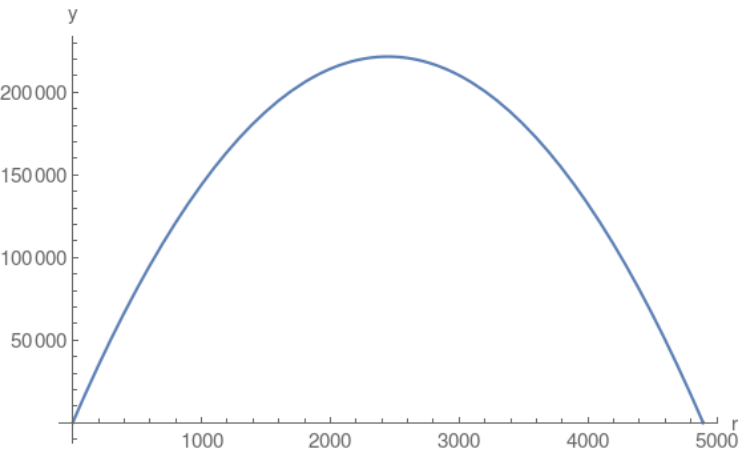


3.

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

$$\text{vertex} = \frac{-181}{2 \frac{(-25)}{26^2}} = \frac{61178}{25}$$



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