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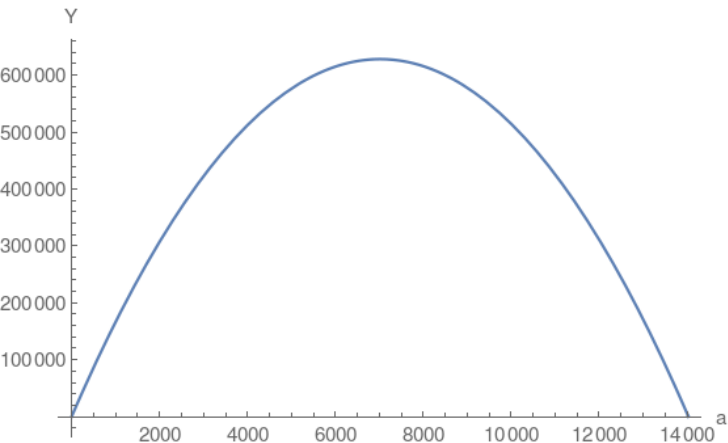
3. (A) To compute the MIN/MAX, first calculate the vertex:

$$\text{vertex} = \frac{-179}{2 \frac{(-10)}{28^2}} = \frac{35084}{5}$$

since the height Y of the projectile is modeled by a Parabola function.