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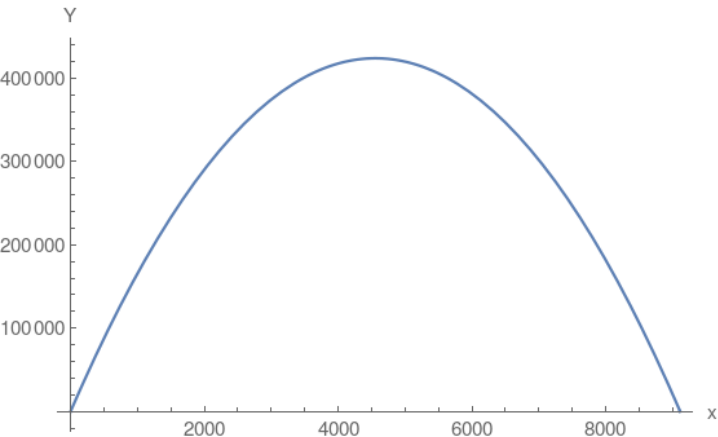
3. (A) To solve for the MIN/MAX, first calculate the vertex:

$$\text{vertex} = \frac{-186}{2\frac{(-16)}{28^2}} = 4557$$

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