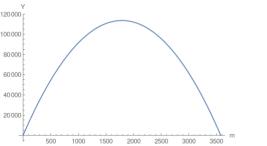
1. (a) The height Y of the projectile is modeled by a parabola equation. Calculate the vertex to find MIN/MAX:  $vertex = \frac{-127}{2 \cdot \frac{(-24)}{26^2}} = \frac{21463}{12}$ 



20 000