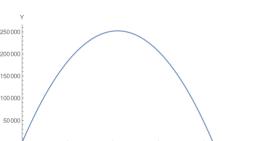
4. (1) Notice that the function for the height Y is a Parabola. To compute the MIN/MAX, first calculate the vertex: $vertex = \frac{-120}{2 \cdot \frac{(-12)}{29^2}} = 4205$

8000



2000