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

600 000 | 500 000 | 400 000 | 300 000 |

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

200 000

100 000

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