$a+b+b=4376 \implies a=4376-2b$ the area: area=a×b=(l-2b)b= 4376b-2b² Note that the function is for parabola. Now compute the vertex: vertex= (1094 meters , 2393672 meters²)

Square the unit for vertex's vertical coordinate since it is a quadratic.

length b and one side has length a:

Since the fences enclose a rectangular plot without one side, two sides have