$a+b+b=3316 \implies a=3316-2b$ the area: area=a×b=(l-2b)b= 3316 b - 2 b² Note that the function is for parabola. Now find the vertex:

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

length b and one side has length a:

 $vertex = (829 \text{ yd}, 1374482 \text{ vd}^2)$

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