$a+b+b=1923 \implies a=1923-2b$ the area: $area = a \times b = (l - 2b) b = 1923 b - 2 b^2$

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

 $vertex = (\frac{1923}{4} meters , \frac{3697929}{2} meters^2)$

length b and one side has length a:

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

Note that the function is for parabola. Now find the vertex: