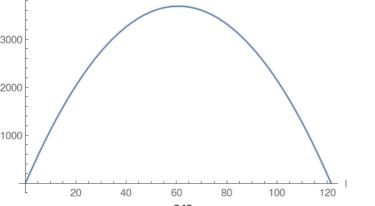
other edge of rectangle. Area of the rectangle is = limesa.

Use perimeter equation and solve for a= $\frac{243-2l}{2}$

Then reformulate the area $L = 1 \times a = \frac{2431}{2} - 1^2$ which turns out to be

2. Perimeter of rectangle = 2(l+a)=243 where a is the length of the

a quadratic Parabola: 3000 2000



Compute the vertex $rac{243}{4}$ and then plug the vertex into the area which will compute the maximum area.