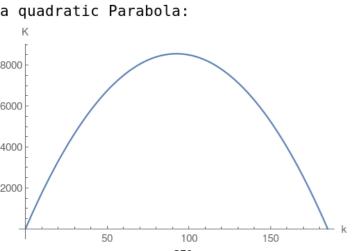
2.

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

Use perimeter equation and solve for a= $\frac{370-2k}{2}$

Then reformulate the area $K = k \times a = 185 k - k^2$ which turns out to be

2. Perimeter of rectangle = 2(k+a)=370 where a is the length of the



Compute the vertex $\frac{370}{4}$ and then plug the vertex into the area which will compute the maximum area.