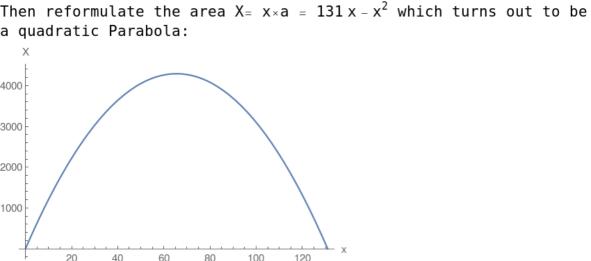
2.

other edge of rectangle. Area of the rectangle is = $x \times a$.

Use perimeter equation and solve for a= $\frac{262-2x}{2}$

2. Perimeter of rectangle = 2(x+a)=262 where a is the length of the



Compute the vertex $\frac{262}{4}$ and then plug the vertex into the area which will compute the maximum area.