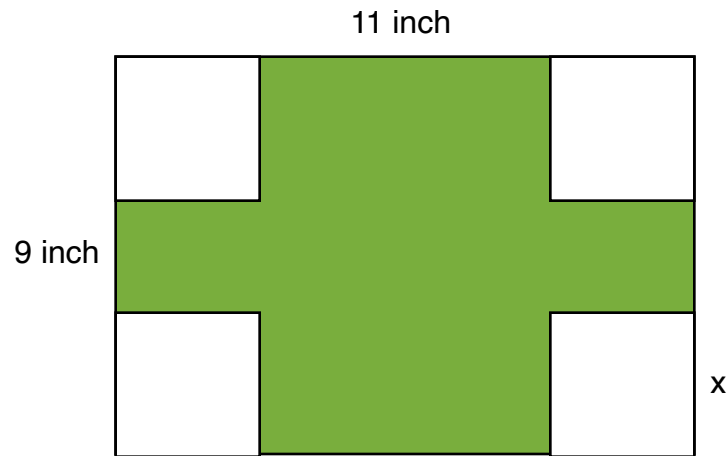


Optimization Problems

Consider an eleven by nine piece of cardboard....squares of what side length should be cut from the corners to maximize volume?



Limited domain: must be between zero and four and a half.

$$(9-2x)(11-2x)x$$