What we have:

- Area formula
  - Length*width*height
- Equation to find Length, Width, and the size of one of the sides of the square which will be cut from the corners
  - x=sqrt(A)/6 units
    - x=the size of one of the sides of the square which will be cut from the corners
  - y=2*sqrt(A)/3 units
    - y=width
  - z=2*sqrt(A)/3 units
    - z=length
- Equation for the max volume
  - 2*A^(3/2)/27 cubic units

What will be given:

- Area

What we need to figure out:

- x
- y
- z