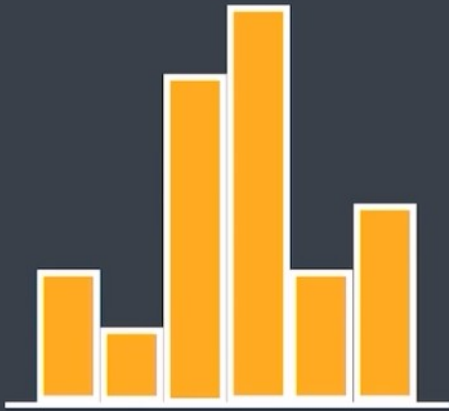# Max Area in Histogram

Given an array of integers heights representing the histogram's bar height where the width of each bar is 1, return the area of the **largest rectangle** in the histogram.

heights = [2,1,5,6,2,3]

ans = 10