Consider the following land distribution data for a developing country:

Holding size % Holdings % Holdings Area CUMUL

Less than 1 50 5 5

1-2 20 10 15

2-10 15 15 30

10-100 10 20 50

GT 100 5 50 100

a. Find the Gini coefficient

b. If ten percent of the land *of the farms in the top 5%* (measured by size) were transferred equally to the poorest 50% of farmholds what happens to inequality?