Exam #6, question 19 is missing.

19. You are given the following information about a random sample:
(i) The sample size equals nine.
(ii) The sample is from a Uniform distribution on 0 to ω.
(iii) Three of the sample observations are known to exceed 5000, and the remaining six
      observations are: 1103, 1391, 2308, 2841, 3054, 3576.
Calculate the method of moments estimate of ω.
A. Less than 6500
B. At least 6500, but less than 7000
C. At least 7000, but less than 7500
D. At least 7500, but less than 8000
E. At least 8000