



Permutations & Combinations · Grade 12

Read each question carefully. They're not all the same kind of question.

Name _____ Date _____ Score _____ / 12

01 Greater: ${}_{12}P_2$ or ${}_8C_3$? _____

02 Seat 5 of 6 hosts: P or C? _____

03 Seat 3 of 8 hosts: P or C? _____

04 $3! =$ _____

05 ${}_8C_4 =$ _____

06 ${}_nP_2 = 56$, find n _____

07 Greater: ${}_7C_2$ or ${}_{14}C_2$? _____

08 ${}_nC_2 = 10$, find n _____

09 ${}_{10}P_4 =$ _____

10 ${}_9P_2 =$ _____

11 ${}_7C_2 =$ _____

12 ${}_{11}C_6 =$ _____