

Problem 1

Justin is forming a team of people to work on the upcoming dance. Four students: Abby (A), Bailey (B), Chris (C), and Dallas (D) have volunteered to serve on the committee. Justin has decided that one person will be the chairperson, one the secretary, and finally the third person will be the treasurer. If Justin wants to make up committees of three persons from the four volunteers, how many committees can Justin form? Use the letters A, B, C, D to show all the various committees of three students he can form from these four students.

Problem 2

Justin is forming a team of people to work on the upcoming dance. Four students: Abby (A), Bailey (B), Chris (C), and Dallas (D) have volunteered to serve on the committee of three, where everyone will share the duties to see that the dance takes place. If Justin wants to make up committees of three persons from the four volunteers, how many committees can Justin form? Use the letters A, B, C, D to show all the various committees of three students he can form from these four students.