

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 132) Math 131 Quiz # 4

Name: _____ I.D. # _____ Sr. # _____

1. A die is rolled three times. How many results are possible if the order of the rolls is considered and the second roll produces a number less than 3?
2. A company director must hire 6 people: 4 for the assembly department and 2 for the shipping department. There are 10 applicants who are equally qualified to work in each department. In how many ways can the director fill the positions?
3. A car plate code is composed of three letters and a 4-digit number (example: 0309 م ا ث). How many car plates having three identical letters and an *even* 4-digit number are possible (example: 1662 ك ك ك)? Note: Arabic has 28 letters any of which may be used.