

HOMWORK ASSIGNMENT # 7

ASSIGNED: NOVEMBER 12, 2009 DUE: NOVEMBER 19, 2009

- (1) Say that I roll 3 different colored dice (and hence distinguishable), what is the probability that the smallest value showing is 1 and the largest value showing is 4?
- (2) Say that I roll 3 different colored dice (and hence distinguishable), what is the probability that the smallest value is 1 and the largest is 3, or the smallest value is 4 and the largest value is 6?
- (3) Say that I roll 3 different colored dice (and hence distinguishable), what is the probability that the largest value is twice the smallest value?
- (4) Say that I roll 4 different colored dice (and hence distinguishable), what is the probability that the largest value is twice the smallest value?