Homework 1

Probability and Statistic

Second Semester 2022-2023

1- n=250        r=2
=250! / 2!(248!)=31125

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2- 5!/(3!*2!)=10

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3-2*2*2=8

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4-n=30              r=3
 =30! / 27! =24360

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5-n=6        r=3
 =6! / 3!*3! =20

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6-P(A)=0

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7-(4c2)*(2c1)=12
  4c3=4
  12+4=16

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8-a) 32*(20c9)=5231680
  b) 2C2=1
     15C4=1365
     (1^5)*1365=1365