Math 131 - Quiz # 4- ID #   Name:

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1) An ordinary six-sided die is tossed 3 times and the resulting sequences of numbers tossed is recorded.

1a)How many sequences are possible?

1b)How many sequences are possible if the die is tossed n times.

2a) How many permutations can be formed from {a,b,c,d,e} taken two at a time?

2b)Use the tree diagram to list them.

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3)Find AxB if A={a,b,c}, and B={1,2}