

Instructional Flow – Unit 7 – Probability and Combinatorics

Section 2.7

- theoretical and experimental probability
- law of large numbers



Section 2.8

- sample spaces
- probability distributions
- multiplication principle of counting (fundamental counting principle)



Section 2.9

- permutations and combinations
- factorial notation



Section 2.10

- independent events
- compound independent events
- multiplication principle of probability



Section 2.11

- conditional probability
- dependent events
- compound dependent events



Section 2.12

- problem-solving using conditional probabilities