

Statistics Exercises

1. In a college, a list of grades of 15 students has been declared. Their grades are given as: 85, 34, 42, 51, 84, 86, 78, 85, 87, 69, 74, 65. Find the 80th percentile?
2. Find the Inter Quartile Range for the following data set:
7, 9, 13, 4, 18, 3, 9, 10, 15, 8, 2, 6, 9
3. In the last 100 years, there have been 93 earthquakes measuring 6.0 or more on the Richter scale. What is the probability of having 3 earthquakes in the same year that all measure 6.0 or more?
4. Find the binomial distribution of getting a six in three tosses of an unbiased dice.