17.2. A die marked A to E is rolled 50 times. Find the probability of getting a “D” exactly 5

times.

**Solution:**

Here, n = 50, k = 5, n -k =15

Here the probability of success = probability of giving D = 1/5

Hence, the probability of failure = probability of not getting a “D” = 1 - s = 1 - 1/5 = 4/5.