Math 1324

Binomial Probability Distribution Worksheet

Given the number of trials and the probability of success, determine the probability indicated:

1. n =12, p = 0.2, find P(2 successes)

2. n =10, p = 0.4, find P(1 success)

3. n = 20, p = 0.5, find P(10 successes)

4. n =15, p = 0.9, find P(11 successes)

5. n = 7, p = 1/3, find P(4 successes)

6. n =11, p = 0.05, find P(3 failures)

7. n =15, p = 0.99, find P(1 failure)