

Chapter X. Problems 10.3.4, 10.3.7.

One more problem:

12-A. A basketball player makes 80% of his free throws on the average. In the following, use de Moivre-Laplace theorem. Apply histogram correction if necessary:

- (a) The player attempts free throws repeatedly until he makes 25. What is the probability that at least 29 throws will be necessary?
- (b) If the player attempts 40 free throws, what is the chance that he will make exactly 35?

The starred problems are for extra credit. Each problem is graded on the base of “4 points max”.