

Math 213 - Homework 7

Assigned: 10/3/07

Due: 10/10/07 at the start of class.

Notation: Exercise a.b.c(d) stands for part (d) of Exercise c from Section a.b.

Problems:

- (1) 6.2.2.
- (2) 6.2.6.
- (3) 6.2.16.
- (4) 6.2.24.
- (5) 6.2.28(a).
- (6) 6.4.2.
- (7) You have the option of playing a game. It costs 1 dollar to play. You toss a fair coin ten times, and if you get exactly 5 heads, you win 4 dollars, otherwise you get nothing. Should you play?
- (8) 6.4.6.
- (9) 6.4.10.
- (10) 6.4.30. [The variance in this case is $.24n$]