Lab Assignment #13

This lab is due at 12:30 PM on Wednesday, 10/16 and is worth 10 points. This part may be done individually, or in a group of 2, 3, or 4 people.

Use fractions.

1) Find the probability of flipping a coin 7 times and getting exactly 4 heads.

2) A coin is flipped 10 times. What is the probability of getting…
a) 0 heads
b) 1 head
c) 2 heads
d) 3 heads
e) 4 heads
f) 5 heads
g) 6 heads
h) 7 heads
i) 8 heads
j) 9 heads
k) 10 heads

3) A coin is flipped 20 times. What is the probability of getting more than 15 heads?

4) A coin is flipped 28 times.
a) What is the most likely number of heads?
b) What is the probability of getting that many heads?