

Attendance Quiz 20

Name: _____ Date: _____

1. A coin is tossed 120 times. Let x be the number of heads.

(a) Find the probability of getting exactly 65 heads.

(b) Using the normal approximation to a binomial, find the probability of getting at least 56 heads with continuity correction.

(c) Using the normal approximation to a binomial, find the probability of getting at most 75 heads with continuity correction.

(d) Using the normal approximation to a binomial, find the probability of getting between 56 heads and 75 heads with continuity correction.