Question 11

Not yet answered

Marked out of 1.00

Suppose that X is a negative binomial random variable with p = 0.2. and r = 4. Determine E(X).

- a. 5
- b. 8
- c. 20
- d. 10
- e. None of the answers is correct

Question 12

Not yet answered

Marked out of 1.00

Suppose that X is a **binomial random** variable with n = 200 and p = 0.4. Use a **normal distribution** to approximate the following probability. Find P(70 < X < 90)?

$\Phi(1.3172) = 0.9148, \Phi(-1.3172) = 0.0852, \Phi(1.4434) = 0.9255, \Phi(-1.4434) = 0.0745$

- a. 0.817
- b. 0.8296
- c. None of the answers are correct
- d. 0.870
- e. 0.851

« PREVIOUS ACTIVITY
Assignment 1.2

NEXT ACTIVITY
Assignment 2.2 »