LEARNING RESOURCE CENTER

Math and Science Resource Center



Continuity Corrections when using Normal Approximation to Binomial

When to add/subtract 0.5 from x:

For > and <

Strictly Greater Than or Less Than questions. "Exclusive"

Example:



Need to add (+0.5)



For \geq and \leq

Greater Than or Equal to, Less Than or Equal to questions, "At Least", "At Most", "Inclusive"

x < 7

0.2

0.15

0.1

0.05

1 2 3

4 5 6

Need to subtract (-0.5)

Start from 6.5 instead.

8 9 10

Example:

