# LEARNING RESOURCE CENTER 

## Normal or Binomial?



## 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:

$$
x>7
$$



Need to add ( +0.5 )
Start from 7.5 instead.

$$
x<7
$$



Need to subtract (-0.5)
Start from 6.5 instead.

For $\geq$ and $\leq$
Greater Than or Equal to, Less Than or Equal to questions, "At Least", "At Most", "Inclusive" Example:


Need to subtract (-0.5)
Start from 6.5 instead.


Need to add ( +0.5 )
Start from 7.5 instead.

