(A8) pg. 432–438/ 40, 42, 43, 45, 54

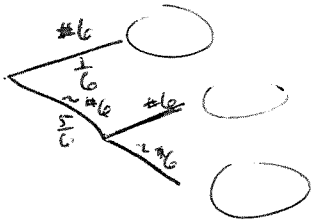
Hints

40. a) Distribution may be _____ b/c _____

b) The _____ says _____

42. $10 to roll a die. #6 = $50 o.w. roll again #6 = $10

a)



$ outcome

probability

#6 1st	# 6 2nd	ne #6

b) $\mu_x =$ $\sigma_x =$

c) $n=5$ $\mu_{x_1+x_2+\ldots+x_5} =$ $\sigma_{x_1+x_2+\ldots+x_5} =$

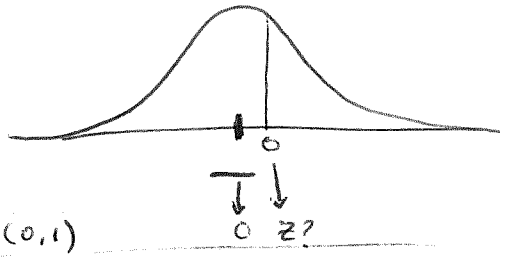
d) In order for the people running the game to make a profit the average winnings of the 100 people must be $<$, $>$ 0.
(choose)

b/c Rolling a die is _____, rolls are _____ and $n =$ _____

The _____ says OK to model SDM w/ N(,)

$\mu_{\bar{x}} =$ $\sigma_{\bar{x}} = \frac{}{\sqrt{}}$

$z = \frac{0 -}{}$



N(0,1)

$P(x < 0) =$ normalcdf( )

=

43.

Score	% of Students

a) L1 L2 1 var stats

b) (which part of p. 424 are they talking about?)

c) I _____?

Ran ___

10 ___

Sam ___ Size?

n = ___ so ___ says ___

$\mu_{\bar{x}} =$ $\sigma_{\bar{x}} =$

N(,)