I. What type of sample statistic are you being asked about?

Count or Sum or Total

Proportion or Percentage (which is a proportion*100)

Mean or Average

Expected	Number of draws * box average (page	Box percentage (page 359)	Box Average (page 410)
Value	289)		
Standard	$\sqrt{draws} * SD_{bax}$ (page 291)	$\sqrt{draws} * \sqrt{fraction of 1's * fraction of 0's} * 100$	$\frac{\sqrt{draws} * SD_{box}}{dt}$ (page 410)
Error)	draws *100	$\frac{draws}{draws}$ (page 410)
		see page 360	
Notes	The box could be a one-zero box, but	For one-zero boxes only. Assumes sampling	Generally the average and SD
	generally it's a box that contains different	w/ replacement.	are given and do not need to be
	kinds of numbers (see Chapter 17).		calculated. Assumes sampling
	Assumes sampling w/ replacement.		w/ replacement.

II. How are you being asked to apply this statistic?

	Count or Sum or	Proportion or	Mean or Average
	Total	Percentage (which is a proportion*100)	
Using the	Find a Z score then the area	Find a Z score then the area from Table A	Find a Z score then the area from Table
normal	from Table A-105 using:	105 using:	A105 using:
curve	$Z = \frac{observed - \exp ected}{}$	$Z = \frac{observedpercentage - expectedpercentage}{}$	(page 410-411)
(review	$Z = {SE_{sum}}$	$Z = {SE_{percentage}}$	$Z = \frac{observedmean - expectedmean}{}$
Chapter 5)	(page 294-296)	(page 362-366)	SE _{mean}
Calculating	Not done in this textbook	Page 381:	Page 416-417
confidence		sample Line *GF	sample *SE
intervals		± multiplier *SE percentage	± multiplier *SE _{average} average
Hypothesis	See Chapter 26.5	See Chapter 26.5	Ztest = observedmean – hypotheticalmean
Testing -			SE _{mean}
use Z test			use this to find the area from Table A105,
			area values as extreme or more extreme
			than the Z result are called "p-values" (page
			482) p variables smaller than 5% are
			considered statistically significant and lead
			us to reject the null hypothesis (page 484)