	name:	Section time:
	Problem se	t/Quiz 1due Thursday, Jan 25
		er quizzes will be in-class)
. Crop yield for	•	ed in yield per acre. The normal distribution can be used to characterize cro
	-	999) Historical data indicate that next summer's cotton yield for a particular
-	-	stribution with mean 1500 lb. per acre and standard deviation 250. The farm
•	if the yields are at least 1	600 lb. per acre. What's the probability the farm will make money next
ımmer?	. •	
A. Virtually	-	
C. 0.16	I from the data	
D. 0.4		
E. 0.34		
F. 1.07		
	ulation is composed of 60°	% males and 40% females. 20% have blue eyes and 80% have brown eyes.
	_	what is the probability an individual selected at random from this population
blue-eyed femal	-	
A. 60%		
B. 8%		
C. 30%		
D. 50%		
E. 20%		
_	-	is drawn from a population with mean $= 20$ and standard deviation $= 16$. The
•		high side. If you repeated this sampling procedure a large number of times,
_		ion and shape of the distribution of the sample Xbar's?
A. 20,16, sl		
B. 20,4, ske		
C. 20, 2, sk		
D. 20, 16, 1 E. 20, 2, no		
F. 20, 0.25		
		n a mean $= 100$ and standard deviation $= 10$. what is the approximate
	cking a value at random th	
A. 69%		
B. 38%		
C. 31%		
C. 51/0	7 100%	
D. virtually	lly zero	
	ny zero	h a mann - 100 and standard deviation - 10, what is the approximate
D. virtually E. essential A population i	s normally distributed wit	h a mean $= 100$ and standard deviation $= 10$. what is the approximate
D. virtually E. essential A population in Tobability of pice	s normally distributed wit king a sample of n=25 at	random that has a mean of 105 or less?
D. virtually E. essential A population is robability of pic A. less than	s normally distributed wit king a sample of n=25 at n 1%	
D. virtually E. essential A population is robability of pic A. less than B. greater t	s normally distributed wit king a sample of n=25 at n 1%	
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38%	s normally distributed wit king a sample of n=25 at n 1%	
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38% D. 69%	s normally distributed wit king a sample of n=25 at n 1%	
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38% D. 69% E. 31%	s normally distributed wit eking a sample of n=25 at n 1% than 99%	random that has a mean of 105 or less?
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38% D. 69% E. 31% If the Formula	s normally distributed with the sking a sample of n=25 at n 1% than 99% than 4.	random that has a mean of 105 or less?
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38% D. 69% E. 31% If the Formula A. =A1*\$B	s normally distributed with the sking a sample of n=25 at an 1% than 99% , =A1*\$B1, in cell A2 is B1	
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38% D. 69% E. 31% If the Formula A. =A1*\$B B. =B1*\$C	s normally distributed with the sking a sample of n=25 at an 1% than 99% , =A1*\$B1, in cell A2 is B1	random that has a mean of 105 or less? copied to cell B3 in EXCEL, what formula would result in the target cell E
D. virtually E. essential A population is robability of pic A. less than B. greater t C. 38% D. 69% E. 31% If the Formula A. =A1*\$B	s normally distributed with the sking a sample of n=25 at an 1% than 99% , =A1*\$B1, in cell A2 is B1	random that has a mean of 105 or less? copied to cell B3 in EXCEL, what formula would result in the target cell E