Department of Statistics   STAT 105   Midterm Exam

Open worksheet **Radon** and answer the following for the variable **Filter**

1.	The sample variance =	
2.	From the ordered stem-and-leaf, the median has a frequency =	
3.	From the bar chart, the largest slice is for the value	
4.	From the five number summary, the number of outliers =	
5.	In terms of skewness, the data are	
6.	The number of classes in the GFT with a class width of 2 =	
7.	The standard deviation from the SFT =	
8.	The 43rd percentile =	
9.	If the value of the percentile is 23.26, then its number =	
10.	If X: B(4, 0.4) then $P(0 \leq X \leq 4)$ =	
11.	If Y: B(4, 0.4) then it is skewed to the	
12.	D_{10} =	

WITH MY BEST WISHES

	رقم الشعبة: 8 ,7 ,6 ,4 ,3 ,2 ,1
	الرقم المتسلسل: 10 ,9 ,8 ,7 ,6 ,5 ,4 ,3 ,2 ,1
	19 ,18 ,17 ,16 ,15 ,14 ,13 ,12 ,11
	اسم الطالب:

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Open worksheet **Sinter** and answer the following for the variable **Strength**

1.	The sample variance =	
2.	From the ordered stem-and-leaf, the median has a frequency =	
3.	From the pie chart, the largest slice is for the value	
4.	From the five number summary, the number of outliers =	
5.	In terms of skewness, the data are	
6.	The number of classes in the GFT =	
7.	The standard deviation from the SFT =	
8.	The 54th percentile =	
9.	If the value of the percentile is 23.92, then its number =	
10.	If X: B(4, 0.5) then $P(0 \leq X < 4)$ =	
11.	If Y: N(4, 0.5) then its median at the value	
12.	D_{11} =	

WITH MY BEST WISHES