

La Consolacion College
Bacolod City

SCHOOL OF LIBERAL ARTS AND EDUCATION

Worksheet in Math 9c (Statistics)

Worksheet 4b

Class Number: _____
Name: _____

Date: _____
Teacher: _____

Below is a sample Likert-type questionnaire and sample responses by a particular student.

Using the ratings described below, assess your satisfaction regarding the teaching techniques of your professors this term.

1. Very Dissatisfied	2. Dissatisfied	3. Satisfied	4. Very Satisfied			
			1	2	3	4
1. The way the professor manages classroom discipline					x	
2. The way the professor relates the subject matter to real life situations				x		
3. The way the professor uses school facilities for a more effective learning						x
4. The way the professor keeps the discussion lively and interesting					x	
5. The way the professor paces learning of students						x
6. The way the professor uses appropriate and innovative methods for better learning					x	
7. The way the professor makes complicated discussions simpler						x
8. The way the professor shows mastery of his/her respective lessons						x
9. The number of activities the professor gives to further enhance learning.					x	

- a) Find the mean: _____
b) What is the degree of satisfaction of this particular student regarding the teaching techniques of his/her professors this term.

Refer to the scale to the right. _____

Mean Interpretation	
1.00 – 1.75	VD
1.76 – 2.51	D
2.52 – 3.27	S
3.28 – 4.00	VS

Mean Interpretation

1.00 – 1.79	VSE
1.80 – 2.59	SE
2.60 – 3.39	ME
3.40 – 4.19	GE
4.20 – 5.00	VGE

Likert Type

5 = To a very Great Extent	(VGE)
4 = To a Great Extent	(GE)
3 = To a Moderate Extent	(ME)
2 = To a Slight Extent	(SE)
1 = To a Very Slight Extent	(VSE)

B. The table below shows the numbers of respondents who answered 5, 4, 3, 2, and 1 on questions 1-3. Compute the mean, then give the mean interpretation using the scale on top.

	5	4	3	2	1	Mean	Int.
1. To what extent do you think Statistics will help you in your chosen career?	15	20	5	0	0		
2. To what extent do you think Statistics will help you in doing research?	10	25	3	2	0		
3. To what extent do you think Statistics will help you in real life situations?	11	16	8	5	0		
Total/Grand Mean: _____							

The respondents think that Statistics will help them to _____.

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Find the mean. Show your solution below.

Table 1
The Frequency Distribution for the Ages of 90 Individuals Living in
Block 12 of Meadows of Camelot Subdivision

c. i.	<i>f</i>	<i>X</i>	<i>fX</i>
10 – 14	4		
15 – 19	4		
20 – 24	10		
25 – 29	13		
30 – 34	16		
35 – 39	15		
40 – 44	12		
45 – 49	10		
50 – 54	5		
55 – 59	1		
	N =		