Assessment for Data from a Table

Below is a table showing the number of wifi devices owned in different households in a village.

Number of wifi enabled devices	Frequency
0	12
1	2
2	15
3	24
4	86
5	72
6	34
7	28
8	15

1 What is the modal average number of devices owned by households in the village?

2 What is the median average number of devices owned by households in the village?

3 What is the mean average number of devices owned by households in the village?

Assessment for Data from a Table

Below is a table showing the grouped data for the heights of different students in a school.

Height Interval	**Frequency**	**c.f.**		
$80 < h \leq 100$	3			
$100 < h \leq 110$	12			
$110 < h \leq 120$	25			
$120 < h \leq 140$	41			
$140 < h \leq 160$	46			
$160 < h \leq 180$	47			
$180 < h \leq 210$	62			

4 What is the modal class?

5 In what class interval does the median fall?

6 Calculate an estimate of the mean average.

Name: _____ Class: 8QMa3

Assessment for Data from a Table

Mark Sheet

Question Number	Skill	Correct	Incorrect	Completed DIRT sheet question
1	Modal average from a frequency table			
2	Median average from a frequency table			
3	Mean average from a frequency table			
4	Modal class from a grouped frequency table			
5	Median class from a grouped frequency table			
6	Estimated mean from a grouped frequency table			

DIRT Feedback Sheets on Data from a Table

Below is a table showing the number of cars owned by different households in a village.

Number of cars	Frequency
0	8
1	23
2	35
3	24
4	17

1 What is the modal average number of cars owned by households in the village?

2 What is the median average number of cars owned by households in the village?

3 What is the mean average number of cars owned by households in the village?

Below is a table showing the grouped data for the weights of different students in a school.

Weight Interval	**Frequency**	**c.f.**		
$30 < w \leq 34$	12			
$34 < w \leq 40$	11			
$40 < w \leq 44$	19			
$44 < w \leq 58$	24			

4 What is the modal class?

5 In what class interval does the median fall?

6 Calculate an estimate of the mean average.