

6- Midpoint of the first class = $\frac{\text{Lower limit of the first class} + \text{Upper limit of the first class}}{2}$ =

Midpoint of the second class = *first class midpoint + the width*

7- Lower and upper Boundaries of the class

Lower Boundary of the class = *Lower limit of the class - 0.5* = + =

Upper Boundary of the class = *Upper limit of the class + 0.5* = + =

Next boundary = *pervious boundary + the width* = + =

8- Relative frequency of a class = $\frac{\text{Frequency of the class}}{\text{Sample size } (\sum f)}$ =

9- Cumulative Frequency = *Frequency of the class + the frequencies of all the previous classes*

= + =

X			Y		
Class	Midpoint of the class	Class Boundaries	Frequency (f)	Relative frequency	Cumulative frequency
42-46		-	4		
47-51		-	11		
52-56		-	14		
57-61		-	9		
62-66		-	4		
67-71		-	3		
			$\sum f =$	$\sum \frac{f}{n} = 1$	

