$Mo\underline{de\ for\ Grouped\ D}ata$ Total points = 16

Scores of 10–Tesla Students in the 4 th Periodic Test in Mathemat		
Score	Frequency	
46 – 50	2	
41 – 45	9	
36 – 40	13	
31 – 35	11	
26 – 30	10	
21 – 25	5	

$$i = 5$$
 \checkmark
 $36 - 40$ Mo \checkmark
1. $d_1 = 13 - 11 = 2$ \checkmark
2. $d_2 = 13 - 9 = 4$ \checkmark
3. $\hat{x} = lb_{mo} + \left[\frac{d_1}{d_1 + d_2}\right]i$ \checkmark
 $\hat{x} = 35.5 + \left[\frac{2}{2 + 4}\right]5$ \checkmark
 $\hat{x} = 37.17$ \checkmark

Number of Mistakes Made by 50 Students in Factoring Quadratic **Equations**

_4	
Number of Mistakes	Frequency
0 – 2	4
3 – 5	8
6 – 8	15
9 – 11	10
12 – 14	6
15 – 17	5
18 – 20	2

$$i = 3 \checkmark 6 - 8 M$$

1.
$$d_1 = 15 - 8 = 7$$
 \checkmark

2.
$$d_2 = 15 - 10 = 5$$

1.
$$d_1 = 15 - 8 = 7$$

2. $d_2 = 15 - 10 = 5$
3. $\hat{x} = lb_{mo} + \left[\frac{d_1}{d_1 + d_2}\right] i$
 $\hat{x} = 5.5 + \left[\frac{7}{7 + 5}\right] 3$
 $\hat{x} = 5.5 + 1.75$
 $\hat{x} = 7.25$

Mode for Grouped Data Total points = 16

Scores of 10-Tesla Students in the 4th Periodic Test in Mathematics

Scores of 10-resia Students in the 4	Teriodic Test III Mathematics
Score	Frequency
46 – 50	2
41 – 45	9
36 – 40	13
31 – 35	11
26 – 30	10
21 – 25	5

36 - 40 Mo
$$\checkmark$$
1. $d_1 = 13 - 11 = 2 \checkmark$
2. $d_2 = 13 - 9 = 4 \checkmark$
3. $\hat{x} = lb_{mo} + \left[\frac{d_1}{d_1 + d_2}\right]i \checkmark$
 $\hat{x} = 35.5 + \left[\frac{2}{2 + 4}\right]5 \checkmark$
 $\hat{x} = 37.17 \checkmark$

i = 5 \checkmark

Number of Mistakes Made by 50 Students in Factoring Quadratic **Equations**

Number of Mistakes	Frequency	
0 – 2	4	
3 – 5	8	
6 – 8	15	
9 – 11	10	
12 – 14	6	
15 – 17	5	
18 – 20	2	

$$\overline{i} = 3 \checkmark$$

1.
$$d_1 = 15 - 8 = 7$$
 \checkmark

 $\hat{x} = 7.25$ \checkmark

2.
$$d_2 = 15 - 10 = 5$$

3. $\hat{x} = lb_{mo} + \left[\frac{d_1}{d_1 + d_2}\right]i$
 $\hat{x} = 5.5 + \left[\frac{7}{7 + 5}\right]3$
 $\hat{x} = 5.5 + 1.75$