Name: ..... Class: .....

Interpret charts and graphs to find the mean

a. The head students in an elementry school counted the number of desks they have in each classroom. Use this information recorded in the frequency chart below to find the mean.

Desks in classrooms	
Head student	**Frequency**
Jamilah	𝍸 𝍸 IIII
Paul	𝍸 𝍸 𝍸 II
Christie	𝍸 𝍸 𝍸 𝍸 II
Joe	𝍸 IIII
Georgiana	𝍸 𝍸 IIII
Zalihad	𝍸 𝍸 𝍸

b. Mr. Smith recorded the number of muffins delivered at his bakery for a week. Use this information in the table below to find the mean.

Muffins delivered	
Days	**Number of muffins**
Monday	50
Tuesday	40
Wednesday	50
Thursday	20
Friday	30
Saturday	70
Sunday	70

Solution

mathskills4kids

Name: ..... Class: .....

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Zalihad	𝍸 𝍸 𝍸

Let's first count the tally marks in each row on the tall chart and write down the numbers.

14, 17, 22, 9, 14, 15.

Now, let's find the mean.

So, since there are 6 numbers in the data.

Add all the numbers together: 14 + 17 + 22 + 9 + 14 + 15 = 91

Therefore, the mean =

$$\frac{\text{Sum of all numbers}}{\text{Number of values in the data set}} = \frac{91}{6} = 15.17$$

So, the mean is **15.17**

b. Mr. Smith recorded the number of muffins delivered at his bakery for a week. Use this information in the table below to find the mean.

Muffins delivered	
Days	**Number of muffins**
Monday	50
Tuesday	40
Wednesday	50
Thursday	20
Friday	30
Saturday	70
Sunday	70

Let's first count the tally marks in each row on the tall chart and write down the numbers.

50, 40, 50, 20, 30, 70, 70.

Now, let's find the mean

So, since there are 7 numbers in the data.

Add all the numbers together: 50 + 40 + 50 + 20 + 30 + 70 + 70 =330

Therefore, the mean =

$$\frac{\text{Sum of all numbers}}{\text{Number of values in the data set}} = \frac{330}{7} = 47.14$$

So, the mean is **47.14**