ZiloAcademy

✨ Grade 10 Maths — Data Representation & Histograms ✨

Name: Demo **Date:** 26/11/2026

1. Which display best suits: comparing the spread of results for two classes? (histogram, scatter plot, box plot, pie chart, line graph or column graph)

2. Which display best suits: a city's temperature over each month of a year? (histogram, scatter plot, box plot, pie chart, line graph or column graph)

3. Which display best suits: the relationship between hours studied and test score? (histogram, scatter plot, box plot, pie chart, line graph or column graph)

4. A frequency table is: 40–<45: 6, 45–<50: 5, 50–<55: 3, 55–<60: 8, 60–<65: 7. What is the lower limit of the modal class?

5. Which display best suits: the share of a budget spent on each category? (histogram, scatter plot, box plot, pie chart, line graph or column graph)

6. A histogram's frequency table is: 20–<25: 12, 25–<30: 14, 30–<35: 6, 35–<40: 5, 40–<45: 14. How many data values are there in total?

7. Which display best suits: the number of students choosing each elective? (histogram, scatter plot, box plot, pie chart, line graph or column graph)

8. A frequency table is: 40–<50: 13, 50–<60: 5, 60–<70: 13, 70–<80: 11, 80–<90: 1. How many values are at least 60?

9. A frequency table is: 30–<35: 8, 35–<40: 3, 40–<45: 3, 45–<50: 13, 50–<55: 9. What is the lower limit of the modal class?

10. A frequency table is: 10–<15: 6, 15–<20: 12, 20–<25: 3, 25–<30: 5, 30–<35: 4. What is the lower limit of the modal class?