Worksheet: Statistics

NIOS · Class 9 · Mathematics · 7 questions · 13 marks

Name: _____ Date: _____ Score: _____ / 13

Q1. Find the mean of 25, 30, 35, 40, 45. *[1 mark]*

Q2. Find the median of 11, 7, 14, 8, 21, 5, 17. *[1 mark]*

Q3. Find the mode of 2, 3, 3, 4, 5, 3, 6, 7. *[1 mark]*

Q4. The mean of 5 numbers is 18. If one number is added and the new mean becomes 20, find the added number. *[2 marks]*

Q5. 20 students scored: 7, 8, 9, 7, 6, 8, 9, 5, 7, 8, 9, 7, 6, 5, 8, 9, 7, 7, 6, 8. Build a frequency table and find the mode. *[3 marks]*

Q6. Explain the difference between a bar graph and a histogram. When would you use each? *[2 marks]*

Q7. The mean of 30 observations is 20 and the mean of 20 other observations is 25. Find the combined mean of all 50 observations. *[3 marks]*