

Grade 6 Math Homework

Topic: Using Statistical Measures (Mean, Median, Mode, Range)

Instructions: Answer all questions in the spaces provided. Show your working where necessary. (Total: 10 marks)

1. The middle value in an ordered list of data is called the _____. (1 mark)
2. To find the _____, you add all the numbers together and divide by how many numbers there are. (1 mark)
3. What is the **range** of these numbers: 15, 8, 22, 11, 4?
Answer: _____ (1 mark)
4. What is the **median** of these numbers: 2, 5, 1, 9, 6?
Answer: _____ (1 mark)
5. A cricket player scores 20, 30, 0, 40, and 10 runs in 5 matches. What is the **mean** score?
Answer: _____ (1 mark)
6. The heights (in cm) of 6 plants are: 12, 15, 18, 20, 22, 25. Find the **median** height.
Answer: _____ (1 mark)
7. A shop records the shoe sizes sold in one hour: 6, 7, 7, 8, 9, 12. Which measure of average (mean, median, or mode) best represents the most common shoe size?
Answer: _____ (1 mark)
8. A data set has a **mean** of 10. If every number in the data set is increased by 5, what is the new mean?
Answer: _____ (1 mark)
9. The **mean** of three numbers is 15. Two of the numbers are 11 and 19. What is the third number? (1 mark)
Answer: _____
10. Three numbers have a **mean** of 8 and a **range** of 6. The smallest number is 5. What are the other two numbers? (1 mark)
Answer: _____ and _____