

Subject: Mathematics

Class: 5

Topic: Mean, Mode and Median (Introductory)

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Find the Mean of the marks scored by Rahul: 10, 20, 30. (Mean = Total $\div$ Count)
2. What is the Median (middle value) of these numbers: 5, 8, 12? _____
3. Find the Mode (most frequent) in this list: 2, 4, 4, 6, 8. Symbol: ?
4. Arjun ate 2, 4, and 6 laddus in three days. What is the average (Mean) number of laddus? _____
5. Identify the Mode of the following data: 15, 20, 15, 30, 15. Answer: _____
6. True or False: To find the Median, we must first arrange numbers in order. [?]
7. Find the Mean of ?10, ?20, ?30, ?40. Total sum is ?100. Mean = ? _____
8. What is the Mode of these shapes? ?, ?, ?, ?, ?. Answer: _____
9. The weights of 3 bags are 4kg, 4kg, and 7kg. What is the Mode weight? _____
10. If the sum of 5 numbers is 50, what is their Mean? $(50 \div 5) =$ _____

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Level: Intermediate

1. Find the Mean of the first five even numbers: 2, 4, 6, 8, 10. Mean = _____
2. Priya scored 40, 50, 40, 60, 40 in 5 tests. Find the Mode score. ?
3. Arrange in ascending order and find the Median: 12, 5, 20, 15, 8. Median = _____
4. A cricket player scored 10, 20, 30, 0, 40 runs. What is the Mean score? _____
5. Find the Mode of the following pocket money values: ₹50, ₹100, ₹50, ₹150, ₹50, ₹200.
6. The temperatures in Delhi for 3 days were 30°C, 32°C, and 34°C. Find the Mean. ?
7. Find the Median of this data: 10, 22, 14, 18, 11. (Hint: Sort them first!)
8. If the Mean of two numbers is 10 and one number is 8, what is the other number? _____
9. A bag has 3 Red balls, 5 Blue balls, and 3 Red balls. Which color is the Mode? ?
10. Calculate the Mean height of three plants: 12cm, 15cm, and 18cm. _____

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Level: Advanced

1. The Mean of 10, 20, and 'x' is 20. Find the value of 'x'. _____
2. Find the Median of the first 5 prime numbers: 2, 3, 5, 7, 11. Median = _____
3. In a shoe shop, the sizes sold were: 5, 7, 8, 7, 6, 7, 8. Find the Mode size. _____
4. If we add 2 to every number in the set {10, 20, 30}, what happens to the Mean? _____
5. The data is 2, 2, 4, 4, 4, 5, 5. If one '4' is replaced by '5', what is the new Mode?
6. Find the Mean of the first five multiples of 5 (5, 10, 15, 20, 25). _____
7. A family spends ₹200, ₹400, ₹600, and ₹800 in 4 days. Find the Mean daily expense. _____
8. Find the Median of the following data: 45, 12, 33, 21, 50, 19, 25. _____
9. Is it possible for a set of data to have two Modes? (Example: 2, 2, 3, 3, 4) [?]
10. Challenge: The Mean of 4 numbers is 25. If the sum of three numbers is 70, find the 4th number.