Mean, median, mode and range: find the missing number worksheet – Grade 6

Grade 6 · Mixed level · 20 questions · **Version X8796**

Name: _____ Date: _____ Score: ___ / 20

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1. The mean of 5 numbers is 27. 4 of them are 36, 28, 32, 22. What is the last number?

   Answer: _____

2. Noah scored 63, 54, 45, 54 in 4 games. What score in the next game makes the mean 55?

   Answer: _____

3. Zara scored 40, 42, 53, 45, 53 in 5 games. What score in the next game makes the mean 48?

   Answer: _____

4. The mean of 5 numbers is 52. What is their total?

   Answer: _____

5. Lucas scored 69, 67, 67 in 3 games. What score in the next game makes the mean 72?

   Answer: _____

6. Priya scored 45, 54, 57, 42, 41, 44 in 6 games. What score in the next game makes the mean 51?

   Answer: _____

7. The range of a set is 24. The smallest value is 68. What is the largest value?

   Answer: _____

8. The only mode of 13, 16, ?, 18, 16, 21 is 16. Could the missing value be 13?

   A. Yes **B.** No

9. These values are in order: 36, 38, ?, 42, 44. The median is 40. What is the missing value?

   Answer: _____

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10. Values in order: 18, 24, ?, 42. The median is 30. What is the missing value?
    Answer: _____

11. A set has 5 values with a mean of 68. One value of 71 is removed. What is the new total?
    Answer: _____

12. A set has 7 values with a mean of 37. One value of 47 is removed. What is the new total?
    Answer: _____

13. The only mode of 29, 32, ?, 34, 32, 37 is 32. Could the missing value be 29?
    A. Yes **B.** No

14. These values are in order: 49, 52, ?, 58, 61. The median is 55. What is the missing value?
    Answer: _____

15. The mean of 6 tests is 31. What must the next test be to raise the mean to 36?
    Answer: _____

16. The mean of 6 numbers is 44. A new number 44 is added. What is the new mean?
    Answer: _____

17. 16 students average 80, and 16 students average 80. What is the mean of all the students?
    Answer: _____

18. A very large value of 216 is added to a set. Which changes most?
    A. The mean **B.** The median **C.** The mode **D.** None of them

19. The mean of 7 tests is 57. What must the next test be to raise the mean to 62?
    Answer: _____

20. The mean of 4 numbers is 41. A new number 51 is added. What is the new mean?
    Answer: _____

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Answer key · Version X8796

Mean, median, mode and range: find the missing number worksheet – Grade 6 · Grade 6 · to reprint this sheet or check the answers, enter X8796 on the skill page.

1. **17**
2. **59**
3. **55**
4. **260**
5. **85**
6. **74**
7. **92**
8. **B (No)**
9. **40**
10. **36**
11. **269**
12. **212**
13. **B (No)**
14. **55**
15. **66**
16. **44**
17. **80**
18. **A (The mean)**
19. **97**
20. **43**

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