

GCSE Mathematics

F

Mean, Median and Mode

Foundation Tier | Grades 1-3

Total Marks	Time	Questions
48	48 min	20

Instructions:

- Do not use a calculator when you see: 
- Answer all questions in the spaces provided.
- Show all your working - marks are awarded for method as well as final answers.
- Cross through any work you do not want to be marked.
- Check your answers if you have time at the end.

© Teachably. This resource may not be copied or distributed without permission.

Want help from an expert maths tutor?

Book a free GCSE Maths consultation with our team at Teachably. Visit teachably.co.uk/book-call to get started.

Edexcel-style questions**Q1** 

Grade 1

Edexcel style

Find the mode of this list of numbers: 3, 7, 5, 7, 2, 7, 9.

Answer _____

teachably

[1 mark]**Q2** 

Grade 1

Edexcel style

Find the median of this list of numbers: 5, 2, 9, 4, 7.

Answer _____

teachably

[2 marks]**Q3** 

Grade 2

Edexcel style

Find the mean of this list of numbers: 4, 8, 6, 10, 2.

Answer _____

teachably

[2 marks]

Q4

Grade 3

Edexcel style

The mean of 5 numbers is 8. Four of the numbers are 6, 9, 7 and 10. Find the fifth number.

Answer

teachably

[3 marks]**Q5**

Grade 3

Edexcel style

Team A scored these points in 5 matches: 12, 15, 9, 18, 21. Team B scored these points in 5 matches: 14, 16, 10, 20, 10. Which team had the higher mean score?

Answer

teachably

[4 marks]

AQA-style questions**Q6** 

Grade 1

AQA style

Find the mode of this list of numbers: 4, 4, 6, 8, 6, 4, 2, 4.

Answer

teachably

[1 mark]**Q7** 

Grade 1

AQA style

Find the median of this list of numbers: 8, 3, 6, 1.

Answer

teachably

[2 marks]**Q8** 

Grade 2

AQA style

Find the mean of this list of numbers: 12, 15, 9, 18, 21, 15.

Answer

teachably

[2 marks]

Q9

Grade 3

AQA style

The mean of 6 numbers is 12. Five of the numbers are 10, 14, 11, 9 and 15. Find the sixth number.

Answer

teachably

[3 marks]**Q10**

Grade 3

AQA style

Class A's test scores: 65, 72, 58, 80, 70. Class B's test scores: 68, 75, 62, 78, 67. Which class had the higher mean score?

Answer

teachably

[4 marks]

OCR-style questions**Q11** 

Grade 1

OCR style

Find the mode of this list of numbers: 12, 15, 12, 18, 15, 15, 20.

Answer

teachably

[1 mark]**Q12** 

Grade 1

OCR style

Find the median of this list of numbers: 12, 7, 15, 9, 20, 7, 11.

Answer

teachably

[2 marks]**Q13** 

Grade 2

OCR style

Find the mean of this list of numbers: 7, 3, 8, 5, 2, 9, 1.

Answer

teachably

[2 marks]

Q14

Grade 3

OCR style

The mean of 4 numbers is 15. Three of the numbers are 12, 18 and 20. Find the fourth number.

Answer

teachably

[3 marks]**Q15**

Grade 3

OCR style

Machine A produces items with these weights (g): 102, 98, 105, 99, 101. Machine B produces items with these weights (g): 100, 103, 97, 102, 98. Which machine has the higher mean weight?

Answer

teachably

[4 marks]

Teachably-style questions**Q16** 

Grade 1

Teachably style

Find the mode of this list of numbers: 1, 3, 3, 5, 5, 5, 7.

Answer

teachably

[1 mark]**Q17** 

Grade 1

Teachably style

Find the median of this list of numbers: 14, 22, 9, 17, 30, 5.

Answer

teachably

[2 marks]**Q18** 

Grade 2

Teachably style

Find the mean of this list of numbers: 20, 16, 24, 18, 12, 30.

Answer

teachably

[2 marks]

Q19

Grade 3

Teachably style

The mean of 7 numbers is 10. Six of the numbers are 8, 12, 9, 11, 7 and 13. Find the seventh number.

Answer _____

teachably

[3 marks]

Q20

Grade 3

Teachably style

Runner A's times (seconds) in 4 races: 42, 45, 40, 41. Runner B's times (seconds) in 4 races: 44, 43, 46, 39. Which runner had the lower mean time (faster on average)?

Answer _____

teachably

[4 marks]

END OF PAPER**Want help from an expert maths tutor?**

Book a free GCSE Maths consultation with our team at Teachably. Visit teachably.co.uk/book-call to get started.