ENGLAND GCSE MATHS AQA FOUNDATION · UNIT 13 · 25 QUESTIONS

Statistics — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The numbers of pages in 5 hardcover books are 100, 110, 170, 200, 280. The range is**

- A 170
- B 190
- C 280
- D 180

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2 **The heights of 6 horses, in hands, are 17, 17, 16, 18, 17, 15. The mode is**

- A 16
- B 15
- C 18
- D 17

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3 **A brown dog weighs 22 kg. Three more brown dogs weigh 26 kg, 30 kg and 18 kg. The mean weight is**

- A 24
- B 26
- C 20
- D 28

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4 **A thermometer records temperatures of 15, 18, 21, 24, 27 degrees. The range is**

- A 9
- B 12
- C 27
- D 15

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5 **The height of a sunflower is measured 5 times, in cm: 120, 100, 130, 140, 110. The mean height is**

- A 120
- B 130
- C 125
- D 110

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6 **The numbers of seabirds counted on 5 days are 15, 20, 25, 30, 35. The median is**

- A 25
- B 15
- C 20
- D 30

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7 **A scatter graph shows the height and weight of students. The line of best fit is used to**

- **A** count the students
- **B** predict a weight from a height
- **C** find the mean height
- **D** find the range of the weights of the students

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8 **The mode of 6, 2, 7, 2, 5 is**

- **A** 5
- **B** 6
- **C** 7
- **D** 2

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9 **The mean of 2, 4, 6, 8, 10 is**

A 6

B 8

C 4

D 7

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10 **In a survey, 2 students score 1, 2 students score 3 and 2 students score 5. The mean score is**

A 6

B 4

C 3

D 2

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11 **The median of 3, 4, 7, 8, 10 is**

- **A** 4
- **B** 7
- **C** 3
- **D** 8

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12 **The range of 5, 10, 12, 13, 25 is**

- **A** 25
- **B** 19
- **C** 21
- **D** 20

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13 **The mode of 2, 5, 3, 8, 2 is**

A 2

B 3

C 8

D 5

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14 **The mean of 3, 6, 9, 12, 15 is**

A 10

B 12

C 6

D 9

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15 **The median of 4, 7, 10, 11, 13 is**

- A 10
- B 7
- C 4
- D 11

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16 **The range of 2, 5, 6, 10, 12 is**

- A 10
- B 11
- C 12
- D 9

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17 **The mode of 2, 2, 5, 4, 7 is**

A 2

B 4

C 5

D 7

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18 **The mean of 4, 8, 12, 16, 20 is**

A 13

B 16

C 12

D 8

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19 **In a survey, 2 students score 1, 3 students score 2 and 1 student scores 4. The mean score is**

- A 3
- B 6
- C 1
- D 2

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20 **The median of 5, 8, 11, 14, 17 is**

- A 14
- B 5
- C 8
- D 11

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21 **The range of 4, 6, 7, 10, 14 is**

- A 10
- B 11
- C 14
- D 9

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22 **The mode of 8, 2, 2, 3, 6 is**

- A 8
- B 6
- C 2
- D 3

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23 **The mean of 2, 6, 10, 14, 18 is**

- A 10
- B 14
- C 11
- D 6

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24 **In a survey, 2 students score 2, 2 students score 4 and 2 students score 6. The mean score is**

- A 3
- B 6
- C 5
- D 4

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25 **The median of 5, 8, 10, 11, 13 is**

A 11

B 5

C 10

D 8

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ANSWER KEY

1. D
2. D
3. A
4. B
5. A
6. A
7. B
8. D
9. A
10. C
11. B
12. D
13. A
14. D
15. A
16. A
17. A
18. C
19. D
20. D
21. A
22. C
23. A
24. D
25. C

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