ENGLAND GCSE MATHS OCR 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 heights of 6 horses, in hands, are 17, 19, 18, 18, 15, 18. The mode is**

- A 19
- B 17
- C 18
- D 15

Understand It with Pulse | Flag a mistake

2 **A thermometer records temperatures of 12, 14, 16, 18, 20 degrees. The range is**

- A 6
- B 20
- C 8
- D 10

Understand It with Pulse | Flag a mistake

3 **The numbers of seabirds counted on 5 days are 10, 13, 16, 19, 22. The median is**

- A 16
- B 10
- C 13
- D 19

Understand It with Pulse | Flag a mistake

4 **The numbers of pages in 5 hardcover books are 100, 140, 220, 230, 280. The range is**

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

6 **The height of a sunflower is measured 5 times, in cm: 150, 120, 130, 140, 160. The mean height is**

- A 150
- B 140
- C 130
- D 145

Understand It with Pulse | Flag a mistake

7 **The range of 3, 4, 10, 16, 18 is**

A 16

B 18

C 15

D 14

Understand It with Pulse | Flag a mistake

8 **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 range of the weights of the students

D find the mean height

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

10 **The mean of 4, 6, 8, 10, 12 is**

- A 6
- B 9
- C 8
- D 10

Understand It with Pulse | Flag a mistake

11 **The median of 4, 6, 8, 10, 11 is**

- A 4
- B 6
- C 8
- D 10

Understand It with Pulse | Flag a mistake

12 **The mode of 8, 4, 6, 3, 8 is**

- A 6
- B 8
- C 4
- D 3

Understand It with Pulse | Flag a mistake

13 **The range of 5, 6, 10, 17, 20 is**

A 14

B 15

C 20

D 16

Understand It with Pulse | Flag a mistake

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

A 8

B 13

C 12

D 16

Understand It with Pulse | Flag a mistake

15 The median of 2, 5, 6, 9, 12 is

- A 5
- B 6
- C 9
- D 2

Understand It with Pulse | Flag a mistake

16 The mode of 2, 3, 8, 2, 6 is

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

Understand It with Pulse | Flag a mistake

17 **The range of 2, 3, 4, 5, 14 is**

A 11

B 14

C 13

D 12

Understand It with Pulse | Flag a mistake

18 **In a survey, 2 students score 3, 4 students score 4 and 2 students score 5. The mean score is**

A 3

B 4

C 5

D 8

Understand It with Pulse | Flag a mistake

19 **The mean of 3, 7, 11, 15, 19 is**

A 12

B 15

C 7

D 11

Understand It with Pulse | Flag a mistake

20 **The median of 2, 3, 5, 7, 9 is**

A 2

B 7

C 3

D 5

Understand It with Pulse | Flag a mistake

21 The mode of 5, 2, 8, 8, 4 is

- A 2
- B 5
- C 4
- D 8

Understand It with Pulse | Flag a mistake

22 The range of 4, 5, 7, 11, 14 is

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

24 **The median of 4, 6, 8, 9, 12 is**

- A 4
- B 9
- C 6
- D 8

Understand It with Pulse | Flag a mistake

25 **The mode of 6, 3, 2, 4, 2 is**

A 6

B 2

C 3

D 4

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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