General Mathematics Unit 1 & 2 — Practice Exam 1 — Answers & Explanations

Answers to the 15 questions in the free preview.

General Mathematics

1. C. The middle value when the data is ordered
The median is the middle value once the data set is arranged in order.

2. A. 8
IQR = Q3 − Q1 = 18 − 10 = 8.

3. B. $150
Simple interest = P × r × t = 1000 × 0.05 × 3 = $150.

4. C. The original amount borrowed or invested
The principal is the original sum of money borrowed or invested, before interest is applied.

5. C. 7.83
Sum = 47. Mean = 47 ÷ 6 = 7.83.

6. B. 9
Sum = 54. Mean = 54 ÷ 6 = 9.

7. A. 13
Range = max − min = 15 − 2 = 13.

8. D. 8
Range = max − min = 12 − 4 = 8.

9. C. 15
IQR = Q3 − Q1 = 20 − 5 = 15.

10. B. 20
IQR = Q3 − Q1 = 30 − 10 = 20.

11. A. 16
IQR = Q3 − Q1 = 24 − 8 = 16.

12. A. The mean
The mean is calculated using every value, so a single extreme outlier can pull it strongly in one direction, unlike the median.

13. D. The median
The line inside a box plot marks the median (the middle value) of the data set.

14. B. It has a long tail extending to the right
A positively skewed distribution has a longer tail on the right side, with the mean typically greater than the median.

15. B. The spread of data around the mean
Standard deviation measures how spread out data values are from the mean.

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PREVIEW

That’s the end of the preview answers

These are the answers to the 15 preview questions. The full answer key covers all 30 questions in General Mathematics Unit 1 & 2 — Practice Exam 1, with the working behind every mark.

STILL TO COME	QUESTIONS	MARKS
General Mathematics	15	15

The full paper comes with

- Every question, printed exactly like the ones in this preview
- The complete answer key, with the working behind every mark
- A topic report after marking, showing what to practice next

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