



ACHIEVE ACADEMY

GCSE Maths — Foundation Tier

Averages & Range · Practice Booklet

NAME: _____

CLASS: _____

DATE: _____

☐ Developing

☒ Secure

☐ Greater Depth

Answer every question in the working space provided. Method marks are available for correct working even if the final answer is wrong. Check the time allowed with your tutor before you start.

Averages & Range

Total marks available: 66

● Averages & Range

Q1

[2 marks]

Find the mean of these spelling test scores: 15, 6, 3, 17, 14.

Q2

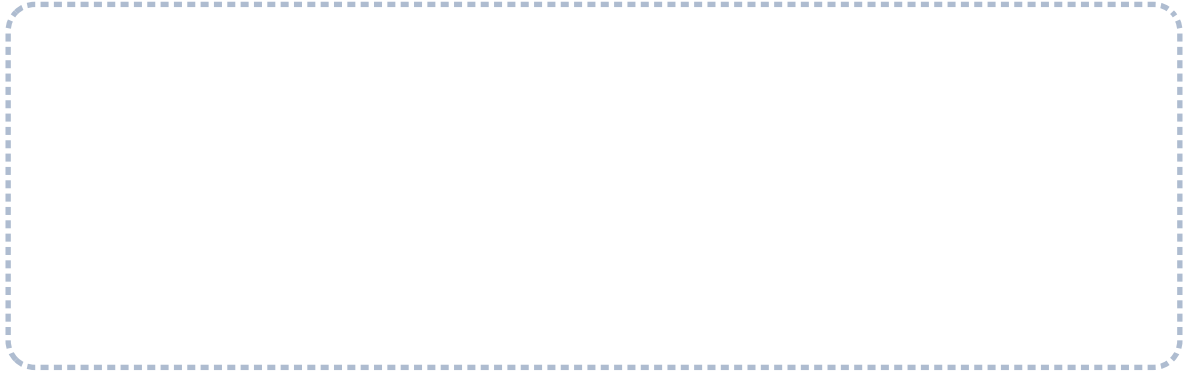
[2 marks]

Find the range of these quiz scores: 32, 49, 11, 8, 43, 25, 49, 27.

Q3

[2 marks]

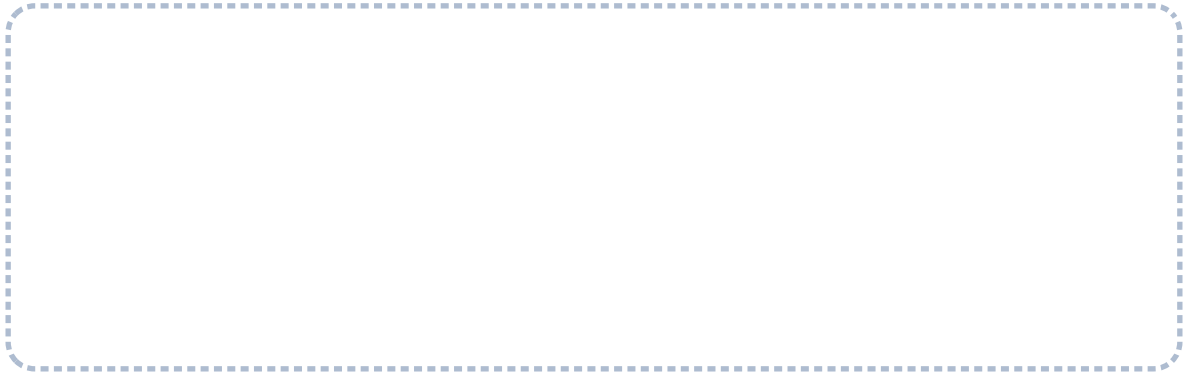
Find the range of these quiz scores: 27, 26, 50, 4, 12.



Q4

[2 marks]

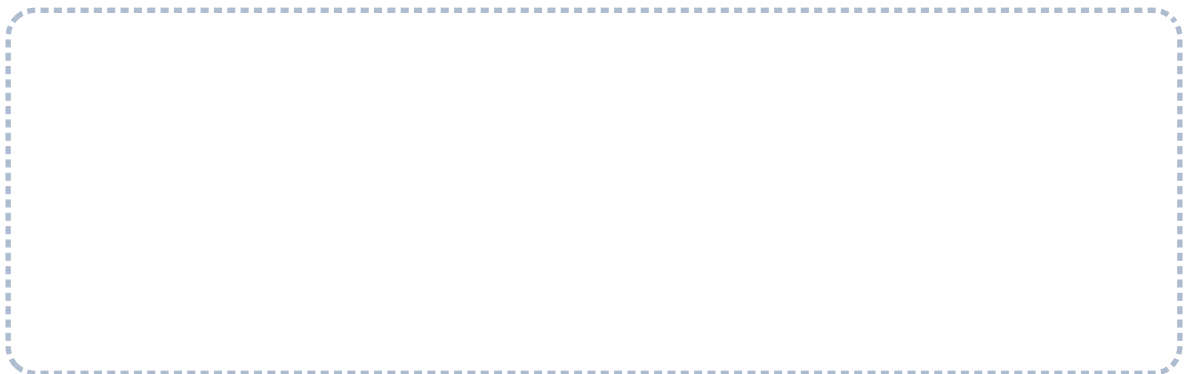
Find the mean of these quiz scores: 28, 20, 12, 2, 23, 28, 20.



Q5

[2 marks]

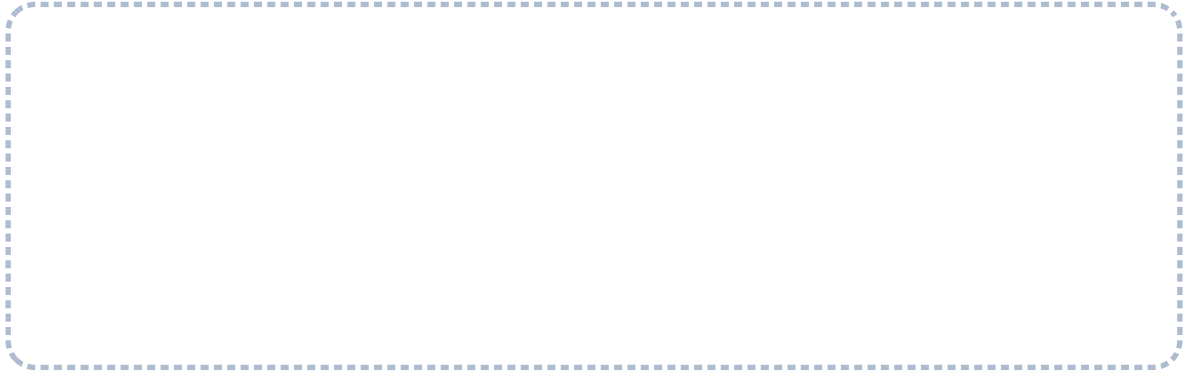
Find the range of these test scores: 34, 15, 12, 48, 40, 37, 5, 40.



Q6

[2 marks]

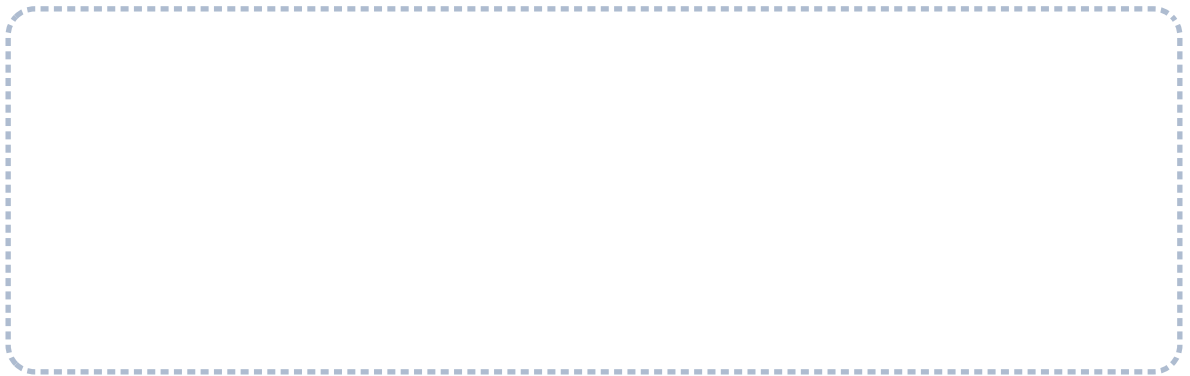
Find the range of these test scores: 36, 10, 44, 12, 39, 20, 21.



Q7

[2 marks]

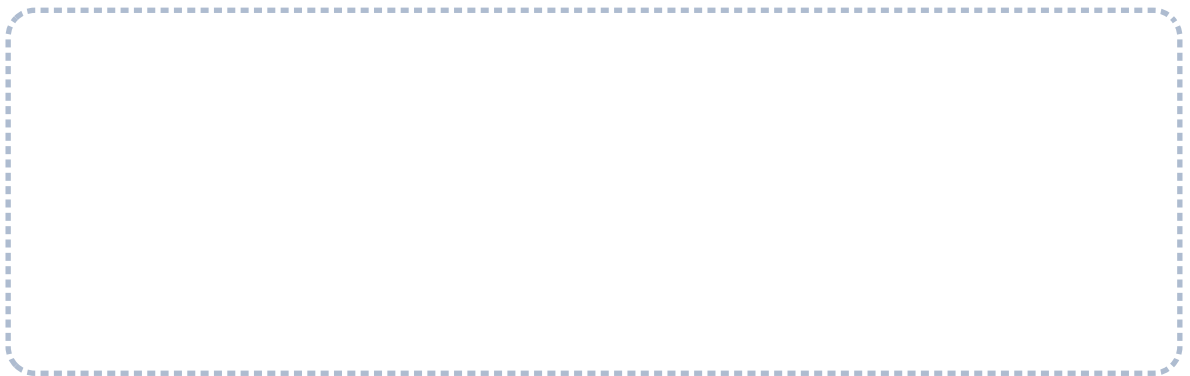
Find the range of these test scores: 11, 6, 37, 23, 27, 6, 9.



Q8

[2 marks]

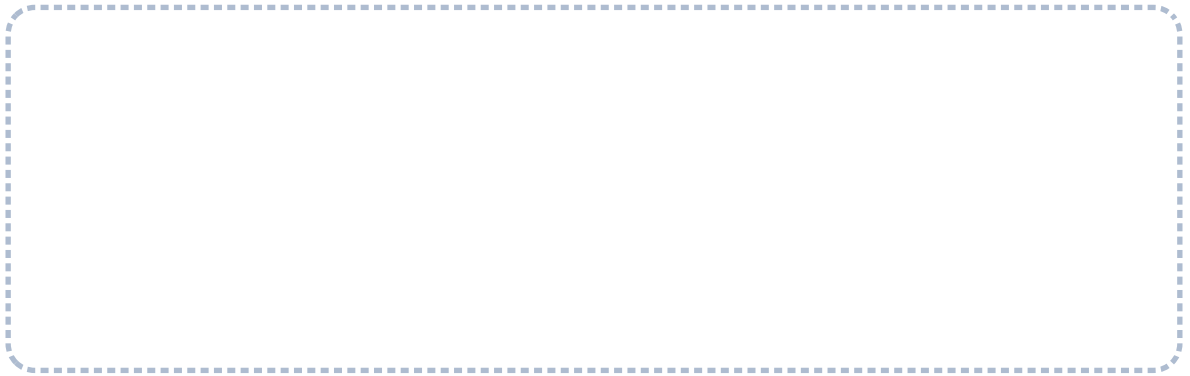
Find the range of these golf scores: 6, 27, 12, 32, 26, 19, 26.



Q9

[2 marks]

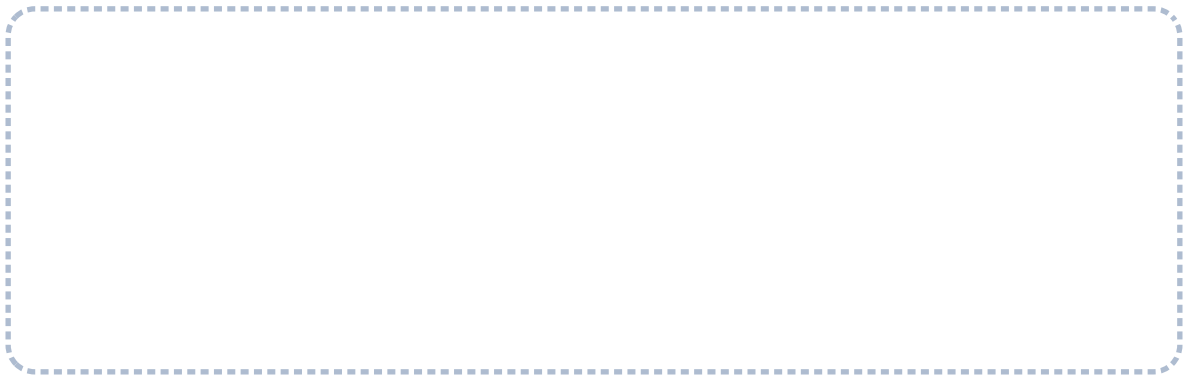
Find the range of these spelling test scores: 36, 32, 21, 2, 38.



Q10

[2 marks]

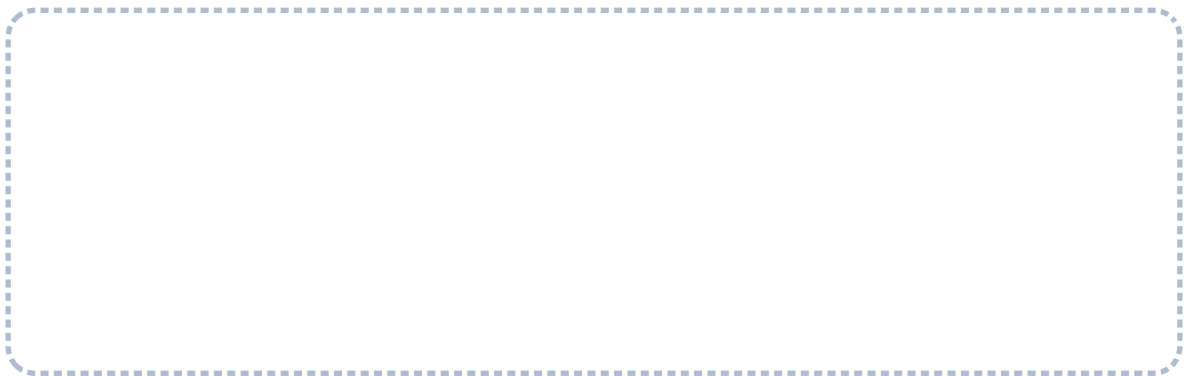
Find the range of these test scores: 47, 46, 14, 16, 48.



Q11

[1 mark]

Find the mode of these quiz scores: 12, 18, 14, 12, 14, 14, 18.



Q12

[1 mark]

Find the mode of these spelling test scores: 20, 19, 8, 19, 19, 20, 8.

Q13

[2 marks]

Find the median of these golf scores: 25, 28, 37, 39, 15, 33.

Q14

[2 marks]

Find the median of these test scores: 4, 27, 5, 3, 20, 36, 33, 15.

Q15

[2 marks]

Find the median of these spelling test scores: 31, 17, 32, 36, 13.

Q16

[2 marks]

Find the median of these spelling test scores: 20, 14, 19, 10, 23, 39, 37, 26.

Q17

[2 marks]

Find the median of these spelling test scores: 3, 3, 9, 11, 1, 22.

Q18

[1 mark]

Find the mode of these golf scores: 12, 5, 12, 5, 18, 18, 5.

Q19

[2 marks]

Find the median of these test scores: 30, 28, 33, 34, 17, 5, 11.

Q20

[1 mark]

Find the mode of these golf scores: 2, 16, 2, 17, 16, 16, 17.

Q21

[3 marks]

The mean of 6 quiz scores is 7. 5 of the quiz scores are: 2, 2, 2, 13, 2. Find the remaining quiz score value.

Q22

[3 marks]

The mean of 4 golf scores is 12. 3 of the golf scores are: 20, 11, 5. Find the remaining golf score value.

Q23

[3 marks]

The table shows information about the number of pets for 39 students. Work out the mean number of pets. Give your answer correct to 1 decimal place.

Number of pets	Frequency
0	8
1	2
2	12
3	8
4	9

Q24

[3 marks]

The mean of 4 spelling test scores is 17. 3 of the spelling test scores are: 9, 7, 21. Find the remaining spelling test score value.

Q25

[3 marks]

The table shows information about the number of pets for 37 students. Work out the mean number of pets. Give your answer correct to 1 decimal place.

Number of pets	Frequency
0	6
1	7
2	9
3	10
4	5

Q26

[3 marks]

The table shows information about the number of pets for 21 students. Work out the mean number of pets. Give your answer correct to 1 decimal place.

Number of pets	Frequency
0	4
1	9
2	3
3	2
4	3

Q27

[3 marks]

The table shows information about the number of siblings for 41 students. Work out the mean number of siblings. Give your answer correct to 1 decimal place.

Number of siblings	Frequency
0	7
1	12
2	11
3	7
4	4

Q28

[3 marks]

The table shows information about the number of text messages sent yesterday for 43 students. Work out the mean number of text messages sent yesterday. Give your answer correct to 1 decimal place.

Number of text messages sent yesterday	Frequency
0	9
1	8
2	5
3	10
4	11

Q29

[3 marks]

The mean of 5 golf scores is 15. 4 of the golf scores are: 8, 19, 16, 13. Find the remaining golf score value.

Q30

[3 marks]

The mean of 6 quiz scores is 7. 5 of the quiz scores are: 3, 11, 7, 5, 9. Find the remaining quiz score value.