AQA, OCR, Edexcel

GCSE

GCSE Maths

Mean, Median, Mode and IQR Questions

Name:

MME

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Total Marks: /20

Mean, Median, Mode, Range and IQR

1. For the following list of numbers, $1, 2, -2, 0, 1, 8, 3, -3, 2, 4, -2, 2$ find the:
   a) Range
   b) Mode
   c) Median
   d) Mean
   e) Interquartile range

(6 marks)

2. There is a list of 12 numbers ranging from 1 to 100, they have an interquartile range of 5. What does this tell you about the spread of the data?

(2 marks)

3. A dice is rolled 6 times and lands on a different number each time. What is the:
   a) Mean score achieved
   b) Median score
   c) Mode
   d) What is the range

(4 marks)

4. Write down a list of 6 numbers where the mean is 0, the mode is 1 and the range is 3.

(3 marks)

5. Write down 8 numbers, 1 to 8, and demonstrate how to calculate the interquartile range

(5 marks)