

Averages and Range

1, 1, 3, 5, 6, 7, 8, 9, 10, 11

Jack has used the numbers above to find the following answers.

Range = 1

Mean = 6.5

Median = 6.1

Mode = 10

Unfortunately Jack is a little confused about averages.
Can you rearrange the answers, so that they are in the correct order.

42, 18, 36, 9, 17, 52

Paula has used the numbers above to find the following answers.

Range = 43

Mean = 27

Median = 29

Mode = 9

Unfortunately Paula was in a bit of a rush and didn't check her work through (after spending too long chatting).
Can you mark and correct her work.

42, 18, 18, 19, 23, 23, 52

Ethan has been asked to use the numbers above to find the following:

Range =

Mean =

Median =

Mode =

Unfortunately Ethan has been asleep most of the lesson and hasn't a clue what to do.
Can you help with his answers. (round to 2 dp)

Extension.

Help Ethan by giving a written description of the mean, median, mode and range.

Answers

1,1, 3, 5, 6, 7, 8, 9, 10, 11

Jack

Range: 10
Mean: 6.1
Median: 6.5
Mode: 1

42, 18, 36, 9, 17, 52

Paula

Range: 43
Mean: 29
Median: 27
Mode: No mode

42, 18, 18, 19, 23, 23, 52

Ethan

Range: 34
Mean: 27.86
Median: 23
Mode: Two modal numbers 18 and 23

Suitable description of the Averages and Range