

1. Mr. Falci and Mr. Burke asked the students in their Algebra classes how many minutes a night they spent on math homework. The data is show in the frequency tables.

Mr. Falci's Class

Minutes	Frequency
5	1
15	2
20	8
90	2

Mr. Burke's Class

Minutes	Frequency
5	3
15	6
20	4
25	2

List the data from the frequency table in order from *least to greatest* for **Mr. Falci's class**.

List the data from the frequency table in order from *least to greatest* for **Mr. Burke's class**.

Mr. Falci's Class

Mean - \_\_\_\_\_

Median - \_\_\_\_\_

Mode - \_\_\_\_\_

Range - \_\_\_\_\_

Mr. Burke's Class

Mean - \_\_\_\_\_

Median - \_\_\_\_\_

Mode - \_\_\_\_\_

Range - \_\_\_\_\_

\*Which measure of central tendency best represents Mr. Falci's data \_\_\_\_\_

\*Which measure of central tendency best represents Mr. Burke's data \_\_\_\_\_

Which teacher's class do you say spends more time on their homework? Explain.

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5	1
15	2
20	8
90	2

Mr. Burke's Class

Minutes	Frequency
5	3
15	6
20	4
25	2

List the data from the frequency table in order from *least to greatest* for **Mr. Falci's class**.

5, 15, 15, 20, 20, 20, 20, 20, 20, 20, 20, 90, 90

List the data from the frequency table in order from *least to greatest* for **Mr. Burke's class**.

5, 5, 5, 15, 15, 15, 15, 15, 15, 20, 20, 20, 20, 25, 25

Mr. Falci's Class

Mean - 28.8

Median - 20

Mode - 20

Range - 85

Mr. Burke's Class

Mean - 15.7

Median - 15

Mode - 15

Range - 20

\*Which measure of central tendency best represents Mr. Falci's data median

\*Which measure of central tendency best represents Mr. Burke's data mean

Which teacher's class do you say spends more time on their homework? Explain.

Central Tendency Mr. Falci = 20 min

Mr. Burk = 15.7 min

Mr. Falci has a higher homework time