



beyond **tutoring**

Transforming lives, not just marks



Mean, Median & Mode

Year 6 Maths

Name _____

Class _____



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Transforming lives, not *just* marks.

At Beyond Tutoring, we adopt a holistic approach to tuition, focusing on more than just our students' marks. Students are complex individuals who need not just someone to help improve their education, but also someone to guide and mentor them through this complex world that we live in.

That's what we focus on - developing a personal connection with our students, so that we are able to cater for their needs, build their strengths, and develop their weaknesses. We aim to produce well-rounded individuals who can set their sights high and achieve their dreams.

Because we believe that a good education can transform lives, empower families, and build communities.

Interested in learning more? Visit our
website at
www.beyondtutoring.com.au



Mean, Median & Mode

The _____ is the average of the data set.
It is calculated by DIVIDING their total by the number of data points.

The _____ is the most commonly occurring number in the dataset. It is found by counting the value that occurs the most.

The _____ is the middle number of a data set. It is found by identifying the centred number once all the numbers are in sequential order.

The _____ is the difference between the highest number and lowest number.

1. Find the mean of each data set.

- a. 5, 6, 2, 8, 1, 8, 14 _____
- b. 23, 224, 33, 12, 78 _____
- c. 45, 23, 8, 19, 3, 12 _____
- d. 45, 12, 14, 56, 77, 89 _____

2. Find the mode for each data set.

- a. 12, 12, 16, 14, 15, _____
- b. 12, 67, 44, 23, 67, 32 _____
- c. 8, 7, 3, 8, 2, 56, 12 _____
- d. 18, 19, 17, 16, 19, 21 _____

3. Find the range for each data set.

- a. 12, 23, 25, 66, 12, 45 _____
- b. 87, 32, 09, 54, 16, 54 _____
- c. 84, 99, 23, 14, 16, 16 _____
- d. 24, 25, 26, 27, 27, 28 _____

4. Find the median for each data set.

- a. 24, 12, 10, 15, 24, 15 _____
- b. 23, 34, 15, 18, 25, 25 _____
- c. 45, 46, 16, 38, 89, 10 _____
- d. 10, 11, 12, 14, 16, 18 _____



Word Problems

Mrs Thompson has 6 lemon trees growing in her back yard. The heights of these trees (in metres) are:

4, 8, 9, 2, 7, 3

a. What is the range of the lemon tree heights?

.....

b. Find the mean, median and mode of the lemon trees.

.....

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.....

You and your best friend ran a few races on the school oval. The teacher timed how long it would take for you both to race from one cone to the other. Here is the time in seconds

You: 48, 35, 49, 57, 59

Best Friend: 43, 58, 52, 40

a. Find the mean, median and mode for each data set.

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.....

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b. Who has a higher mean – You or your best friend?

.....



Word Problems

Your teacher took down a list of everyone's ages in class. Here are the ages of all of the students:

10, 10, 11, 12, 12, 10, 13, 12, 12, 12, 11, 35

a. Find the mean of this data set.

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b. Find the range for this data set.

.....

c. Find the median for this data set.

.....

Stuart wrote down the ages of everyone in his family.

3, 14, 11, 22, 28, 31, 36, 64, 66

a. Find the mean and mode of this data set.

.....

b. Find the range and median of this data set.

.....



Word Problems

There are many high school students at Beyond Tutoring. A tutor recorded everyone's test result on a paper and divided the scores between boys and girls. Here are the results:

Boys: 31, 34, 15, 25

Girls: 44, 38, 26, 26

a. Find the mean, mode and median for these test scores.

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.....
.....

b. Find the range for these test scores.

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