

Finding the mean, mode, median and range

Mean = Add together all the data. Then, divide the answer by the number of values.

Mode = Find the data which appears most frequently.

Median = Find the value in the middle when the data is arranged from smallest to largest.

Range = Subtract smallest value from largest value.

Look carefully at the table below.

At the end of the year, attendance data is collected at treetop primary school.

The table below shows the overall attendance for Oak Class, Walnut Class and Almond Class.

Class	Oak Class	Walnut Class	Almond Class
Overall attendance in 2024.	85%	92%	90%

When considering the attendances of all three classes: -

1. What is the mean?
2. What is the mode?
3. What is the median?
4. What is the range?

George wants to buy the latest PLAYBOX console, so he goes into five different stores to compare the prices. He creates a table of his findings:

Store	Price of PLAYBOX console:
Games 'R' Us	£600
Gaming City	£550
Land of Gaming	£570
Raymond's Electronics	£560
Dottie's Devices	£600

Use the data George has collected to find out the following information across the five stores.

1. What is the mean price?
2. What is the median price?
3. What is the modal (mode) price?
4. Find the range of the prices.

Oliver, Ivy, George and Daniel go to an arcade.

Oliver spends £120.

Ivy spends £100.

George and Daniel both spend £50.

Compare the prices each person spent and calculate the following:

1. What is the mean?
2. What is the median?
3. What is the mode?
4. What is the range?

Scroll down for the solutions.

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At the end of the year, attendance data is collected at treetop primary school.

The table below shows the overall attendance for Oak Class, Walnut Class and Almond Class.

Class	Oak Class	Walnut Class	Almond Class
Overall attendance in 2024.	85%	92%	90%

When considering the attendances of all three classes: -

1. What is the mean? **89%**
2. What is the mode? **There is no mode**
3. What is the median? **90%**
4. What is the range? **7%**

George wants to buy the latest PLAYBOX console, so he goes into five different stores to compare the prices. He creates a table of his findings:

Store	Price of PLAYBOX console:
Games 'R' Us	£600
Gaming City	£550
Land of Gaming	£570
Raymond's Electronics	£560
Dottie's Devices	£600

Use the data George has collected to find out the following information across the five stores.

1. What is the mean price? **£576**
2. What is the median price? **£570**
3. What is the modal (mode) price? **£600**
4. Find the range of the prices. **£50**

Oliver, Ivy, George and Daniel go to an arcade.

Oliver spends £120.

Ivy spends £100.

George and Daniel both spend £50.

Compare the prices each person spent and calculate the following:

1. What is the mean? **£80**
2. What is the median? **£75**
3. What is the mode? **£50**
4. What is the range? **£70**