

Master Maths 8 Worksheet 66

Mean, Median and Mode

66

Name: _____

1. Find the mean, median and mode for the following sets of numbers.

(a) 8, 9, 9, 9, 9, 9, 10, 10, 11, 11, 11, 12, 12

Mean	Median	Mode
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

(b) 21, 23, 23, 24, 24, 24, 25, 25, 25, 25, 25

Mean	Median	Mode
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

(c) 12, 14, 15, 15, 17, 18, 21, 24

Mean	Median	Mode
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

(d) 8, 12, 18, 9, 12, 10, 23, 25, 27

Mean	Median	Mode
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

2. Find the mean and median for the following sets of numbers.

(a) 8, 14, 17, 19, 23, 26, 28, 30

Mean	Median
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

(b) 23, 16, 27, 19, 33, 41, 29, 45, 56, 28

Mean	Median
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

3. A netball team had the following scores in a season:

37, 26, 45, 31, 40, 42, 51, 39, 42, 31, 47, 39, 57

Find the mean and median score for the season.

Give answers correct to one decimal place.

Mean	Median
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

4. The amount of rainfall (in mm) during January for a particular town was recorded over ten years. This data is shown below.

45 58 25 38 47 30 187 52 21 30

(a) Find the mean and median rainfall for the ten years.

Give answers correct to one decimal place.

Mean	Median
<input style="width: 100%; height: 40px;" type="text"/>	<input style="width: 100%; height: 40px;" type="text"/>

(b) Which is a better indicator of the January rainfall? Why?

5. Trinity wanted to average 20 minutes of reading every day for a week. On the first six days she read for the following times:

15, 24, 17, 21, 11, 20

For how many minutes does she need to read on the last day to have averaged 20 minutes per day?