

# Area

LO: To be able to find the area of a triangle.

LO: To be able to find the mode, median and range

1) Zone

2) How to find the mode.

3) How to find the median.

4) How to find the range.

5) Follow up work.

Blue Zone



Going slow

Green Zone



Good to go

Yellow Zone



Caution

Starting to lose control

Red Zone



Stop!

Out of control

E.g. sad, sick, tired,  
bored

E.g. happy, calm,  
focused, ok

E.g. worried, excited,  
annoyed

E.g. angry, terrified,  
elated



To find the median;

- 1) Put all of the numbers in order starting from the smallest.
- 2) Find the middle number.

Find the median of

1) 7, 9, 2, 0, 11

2) 6, 2, 8, 10



To find the median;

- 1) Put all of the numbers in order starting from the smallest.
- 2) Find the middle number.
- 3) If there are 2 numbers in the middle, Add them together and divide by 2.

Find the median of the following sets of data.

Ewan - 5, 8, 1, 9, 2, 7

6

Emmanuel - 9, 7, 3, 9, 5, 9

8

Nathan - 8, 2, 9, 1, 7, 3, 5, 8

5

Everybody - 720, 632, 730, 287, 964, 823

676

Everybody - 3, 5, 1, 7, 4, 9, 2, 10

4.5 To find the median;

- 1) Put all of the numbers in order starting from the smallest.
- 2) Find the middle number.
- 3) If there are 2 numbers in the middle, Add them together and divide by 2.

Find the median of the following sets of data.

1) 25, 78, 41, 39, 29, 37

38

2) 39, 77, 93, 91, 35, 79

78

3) 48, 62, 19, 341, 57, 113, 405, 18

59.5

4) 72.0, 6.32, 7.30, 28.7, 9.64, 8.23

8.935

5) -3, 5, 2, -7, 4, -9, -2, 10

0

To find the median;

- 1) Put all of the numbers in order starting from the smallest.
- 2) Find the middle number.
- 3) If there are 2 numbers in the middle, Add them together and divide by 2.

1) 24, 31, 12, 38, 12, 15

Median : \_\_\_\_\_

Mode : \_\_\_\_\_ Range : \_\_\_\_\_

2) 5, 28, 16, 32, 5, 16, 48, 29, 5, 35

Median : \_\_\_\_\_

Mode : \_\_\_\_\_ Range : \_\_\_\_\_

3) 53, 13, 34, 41, 26, 61, 34, 13, 69

Median : \_\_\_\_\_

Mode : \_\_\_\_\_ Range : \_\_\_\_\_

4) 85, 58, 72, 85, 46, 93

Median : \_\_\_\_\_

Mode : \_\_\_\_\_ Range : \_\_\_\_\_

To find the median;

- 1) Put all of the numbers in order starting from the smallest.
- 2) Find the middle number.
- 3) If there are 2 numbers in the middle, Add them together and divide by 2.

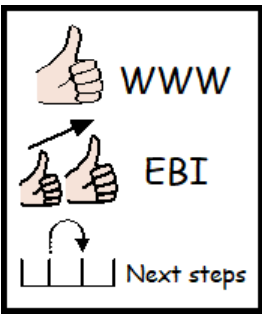
To find the mode;

- 1) Look at your list of either numerical or non numerical data. The value that comes up the most is your mode.
- 2) If you have two values that come up the same amount of times, they are both the mode.

To find the range;

- 1) Identify the highest number and lowest number in your list.
- 2) Find the value of the highest number take away the lowest number





LO: To be able to find the median of an even set of data.

WWW

EBI

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Green Zone



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Yellow Zone



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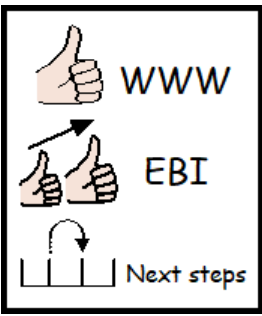
Red Zone



Stop!

Out of control

E.g. angry, terrified,  
elated



LO: To be able to find the mode, median and range.

Follow up work

1) Mymaths Mode and Median

2) Median worksheet

For ALL worksheets you can either print out and write your answers on, or write your answers on paper.

Please take pictures of your work and email to [jo.gould@grangepark.kent.sch.uk](mailto:jo.gould@grangepark.kent.sch.uk)