

SATS Revision Homework Sheet

DABs At Liskeard Tutoring

15 - Data Handling

It is important that you know the 4 types ways of showing an average. Here are the definitions followed by an example of each.

Average (Mean) - All of the numbers added together then divide by the number of numbers.

Mode - The number that appears the most

Median. When the numbers are put in order, the middle number is the median (if there is no middle number, find the mean of the middle two numbers!)

Range - The largest number subtract the smallest. Show the distance between all of the numbers

e.g. Using the numbers 2, 8, 5, 7, 4, 7, 9, 6

Mean - $2+8+5+7+4+7+9+6= 48 \div 8$ (as there are 8 numbers) = 6

Mode - The number that appears most is 7. So the mode is 7

Median - Put the numbers in order first - 2,4,5,6,7,7,8,9 As there are 2 middle numbers (underlined) you need to find the average them. So, $6+7=13 \div 2 =6.5$ The median is 6.5

Range - Biggest number - smallest number, so, $9-2=$ 7

Q1. Find the Mean, Median, Mode and Range of theses numbers:- (You can use a calculator)

a) 23, 34, 23, 19, 67, 35, 30

b) 101, 42, 68, 33, 48, 42, 58

