# AVERAGES FROM A LIST AND REVERSE MEAN Statistics 

## Key Concepts

There are three types of average that we use to analyse and compare data. We can calculate averages from a discrete data set.

Mode The most common value that appears in the list.

Median Once ordered, the middle value.

Mean

$$
\frac{\text { Total of all data }}{\text { Number of pieces of data }}
$$

The range is used to analyse the spread of a data set or how consistent the data is.

Range
largest data value - smallest data value
Key Words
Discrete
Data
Mean
Mode
Median
Range
Spread

1) Calculate the mean, mode, median and range for the following list of data: $\begin{array}{lllllll}5 & 8 & 4 & 2 & 8 & 6\end{array}$
2) The points scored in a test by 5 students are 32, 38, 21, 25, 29. Another students test score is included. If the mean of these 6 scores is now 27 , what did the $6^{\text {th }}$ student score?
