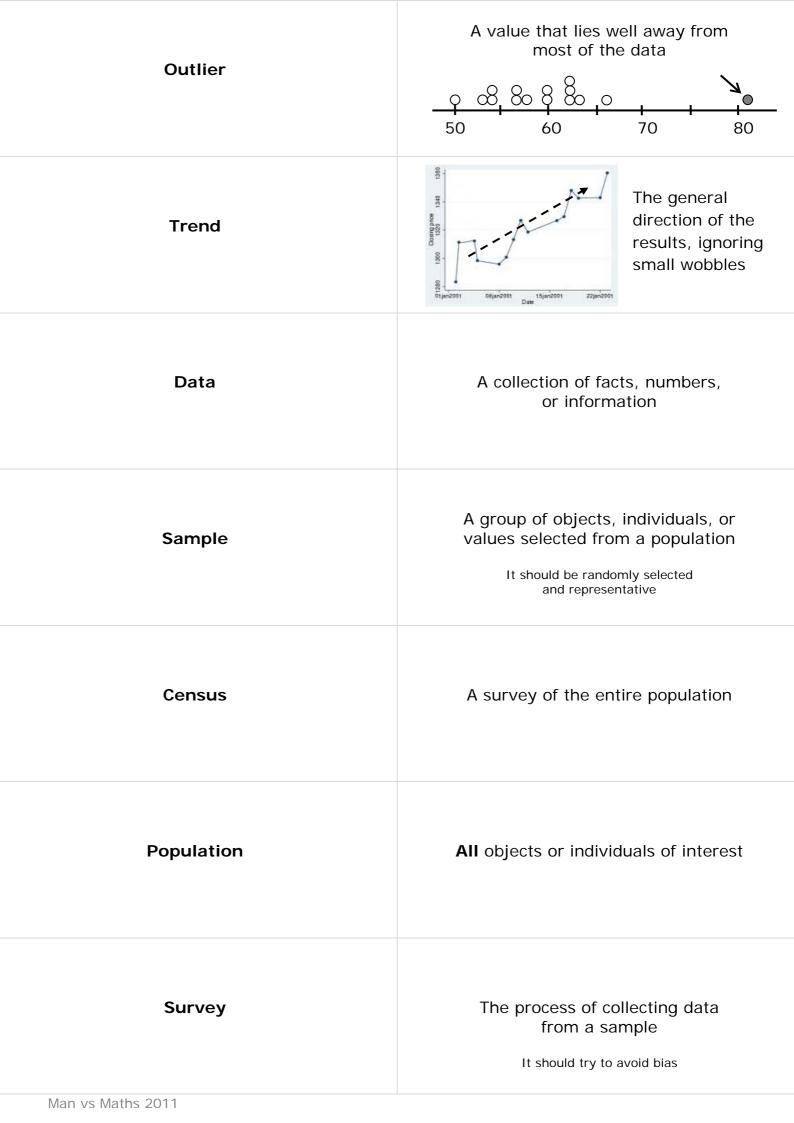
Mean	Values added together Number of values A measure of the typical value
Median	8, 8, 9, 9, 10, 10, 11, 11, 12, 13, 13, 14 The middle value when sorted in order (or halfway between the middle two if there are an even number of values) A measure of the typical value
Lower Quartile	8, 8, 9, 9, 10, 10, 11, 11, 12, 13, 13, 14 The middle value of the lower half (half not including the median)
Upper Quartile	8, 8, 9, 9, 10, 10, 11, 11, 12, 13, 13, 14 The middle value of the upper half (half not including the median)
Range	8, 8, 9, 9, 10, 10, 11, 11, 12, 13, 13, 14 The largest value – smallest value A measure of the spread of data
Inter-Quartile Range (IQR)	8, 8, 9, 9, 10, 10, 11, 11, 12, 13, 13, 14, Upper quartile – Lower quartile A measure of the spread of typical data
Mode	The most common value (or values)

Stem and Leaf Plot	54, 74, 80, 63, 57, 66, 74, 62, 81, 75, 68 5
Dot Plot	54, 57, 62, 63, 66, 68, 74, 74, 75, 80, 81
Box and Whisker Plot	54, 57 , 62, 63 , 66 , 68, 74 , 74 , 75, 80 , 81 50 60 70 80
Bar Graph	Jim Sally George Martin Shelly Curtis
Pie Chart	Cellphones <1% Printers 13% Computers 33%
Histogram	Percentage of men spending at least one hour per week participating in sports or exercise, by age 40 30 20 16-24 25-34 35-44 45-54 55-64 65-74 over 75 Age
Line Graph	Widgets Sold 48 7 44 6 40 8 36 9 7 32 6 28 24 1993 1994 1995 1996
Man vs Maths 2011	



Discrete	Data having exact values, often whole numbers
Continuous	Data having any value on a scale, including fractions of any units.
Maximum and Minimum	Largest and Smallest
Frequency Table	Value Frequency 4 2 5 4 6 2 7 1 = 4,4,5,5,5,5,6,6,7
Tally Chart	Gender Tally Male Female MM,F,M,M,F,F,F,M,M,M,F,F,M,F,M,M,M,F
Bias	An influence that leads to results that do not correctly give the true value e.g. selecting a sample non-randomly, poor measuring, asking questions that expect a certain answer
Conclusion	The answer, with reasons given. There may be more than one possible conclusion from data.