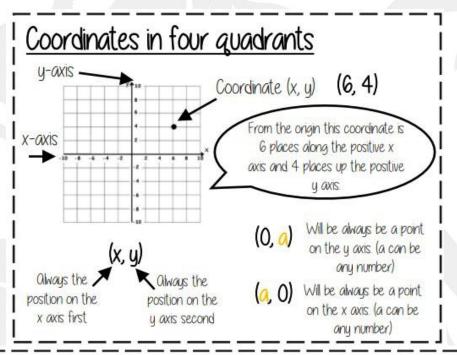
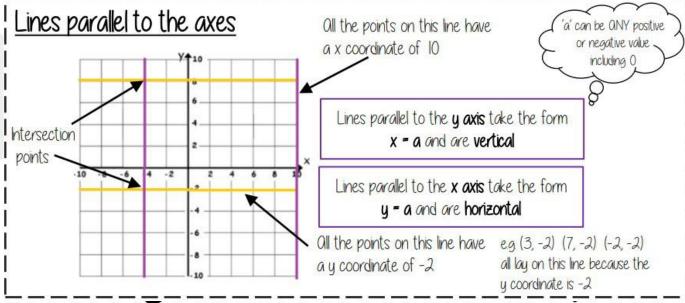
SUBJECT: Maths @whisto_maths

UNIT: Working in the Cartesian Plane







Keywords

Quadrant: four quarters of the coordinate plane.

Coordinate: a set of values that show an exact position.

Horizontal: a straight line from left to right (parallel to the x axis)

Vertical: a straight line from top to bottom (parallel to the y axis)

Origin: (0,0) on a graph. The point the two axes cross

Parallel: Lines that never meet Gradient: The steepness of a line

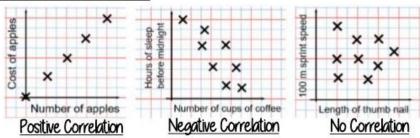
Intercept: Where lines cross

SUBJECT: Maths @whisto_maths

UNIT: Representing data

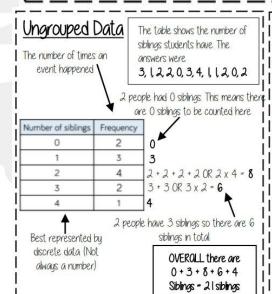






Os one variable increases so does the other variable Os one variable increases the other variable decreases

There is no relationship between the two variables



Grouped Data If we have a large spread of data it is better to group it. This is so it is easier to look for a trend Form groups of equal size to make comparison more valid and spread the groups out from the smallest to the largest value.

_ to	Cost of TV (£)	Tally	Frequency
de c	101 - 150	THL II	7
yraups overlag	151 - 200	THL THL I	11
2 0,	201 - 250	THL	5
<u>ء</u> ح	251 - 300	111	3

We do not know the exact value of each item in a group — so an estimate would be bused to calculate the overall total (Molocint)

ues ore epresents		X Weight(g)	Frequency	
Continues Data dee sure all value d mequalities rep the subgroups	4	40 < x ≤ 50	1	eg this group includes every weight bigger that 60Kg, up
		50 < <i>x</i> ≤ 60	3	
		60 < x ≤ 70	- 5	

Keywords

Variable: a quantity that may change within the context of the problem.

Relationship: the link between two variables (items). Eg. Between sunny days and ice cream sales

Correlation: the mathematical definition for the type of relationship.

Origin: where two axes meet on a graph.

Line of best fit: a straight line on a graph that represents the data on a scatter graph.

Outlier: a point that lies outside the trend of graph.

Quantitative: numerical data

Qualitative: descriptive information, colours, genders, names, emotions etc.

Continuous: quantitative data that has an infinite number of possible values within its range.

Discrete: quantitative or qualitative data that only takes certain values.

Frequency: the number of times a particular data value occurs.

SUBJECT: Maths @whisto_maths

UNIT: Tables and Probability



