## Y10 Maths Knowledge Organiser Foundation Tier: Representation and Interpretation



knew one value e.g. if the temperature was to be 21°C you would predict sales of about \$480 by reading up to the line of best fit from 21°C.

22.6°

17.29

Each pair of values is

scatter graph

e.g. (17.2, \$408)

plotted as a point on the

\$445

\$408

The line of best fit does not usually go through (0, 0).

In general, a larger sample will give more accurate results so if one person picks 10 people, and another picks 30 people, the results of the 30 people would be more accurate.

Repeating a test with a different sample can lead to different results.

## Types of correlation







No correlation.

When plotting a scatter graph you will usually be asked to describe the type of correlation. This is the relationship between the two variables plotted.

Positive correlation: As one value increases, so does the second.

Negative correlation: As one value increases, the second decreases

GLUE HERE