



Objective: To interpret correlation

Met

Partially
Met

Not Met

Work on the
following sections:

Section 1

Section 2

Extension

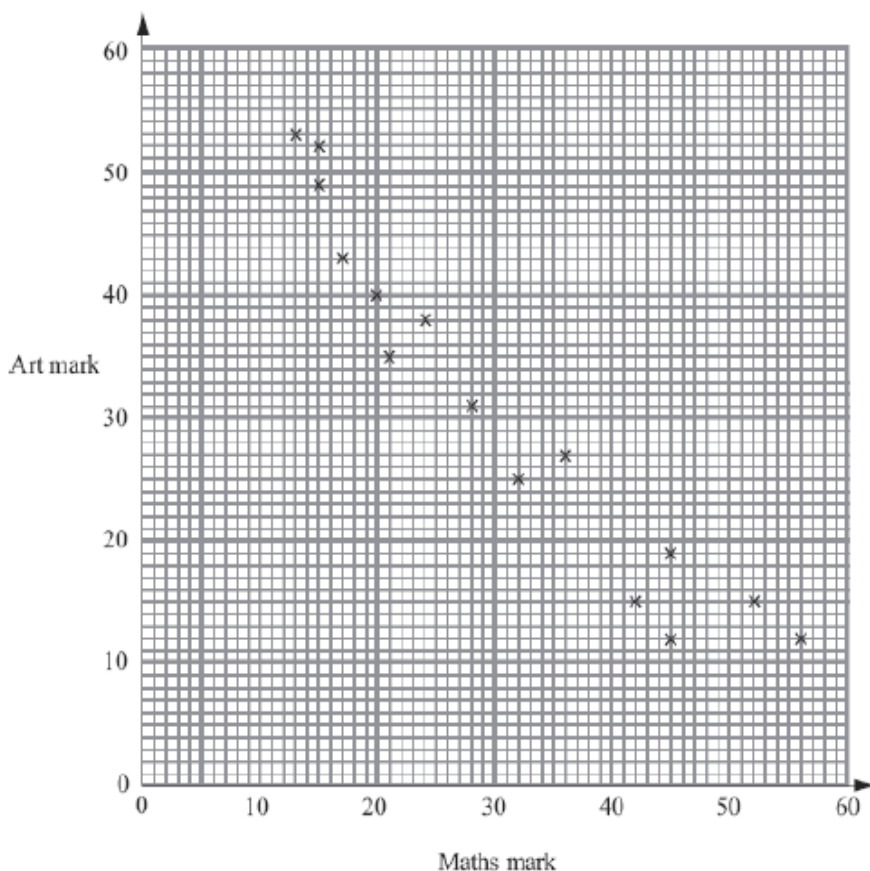
Section 1

Use the following words (positive correlation, negative correlation, no correlation) to describe the following sentences:

- As the temperature increases the sale of ice cream increases
- Your eye colour does not affect your height
- The older the car, the less it is worth
- The sale of soup increases as the weather becomes colder

Section 2

The scatter graph shows the maths mark and the art mark for each of 15 students.



- What type of correlation is being shown on the scatter graph?
- From these results how much would you expect a student to score:
 - In Maths if they scored 30 in Art
 - In Art if they scored 35 in Maths
- Is it fair to say that students who are good at Maths are not good at Art?
- Is this group of students generally better at Art or Maths? Explain your answer

Extension Question:

Explain what is meant by the term extrapolation.