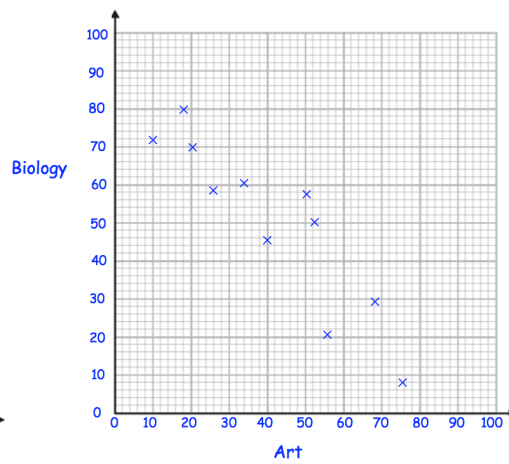
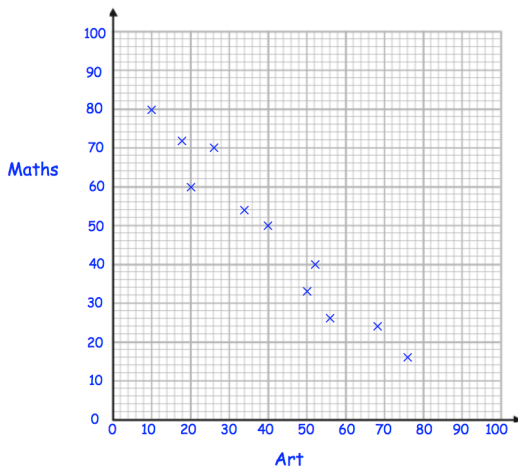


11th July



Corbettmaths

Eleven students sit examinations in Art, Maths and Biology.  
Information about the results are shown in the scatter graphs below.



Describe the correlation between the biology scores and art scores.

Describe the correlation between the biology scores and maths scores.

A container exerts a force of 400 Newtons on the floor.  
The pressure on the table is 80 Newtons/m<sup>2</sup>

Calculate the area of the container that is in contact with the table.

5.16 has been truncated to two decimal places.

Write down an inequality to show the range of possible actual values.