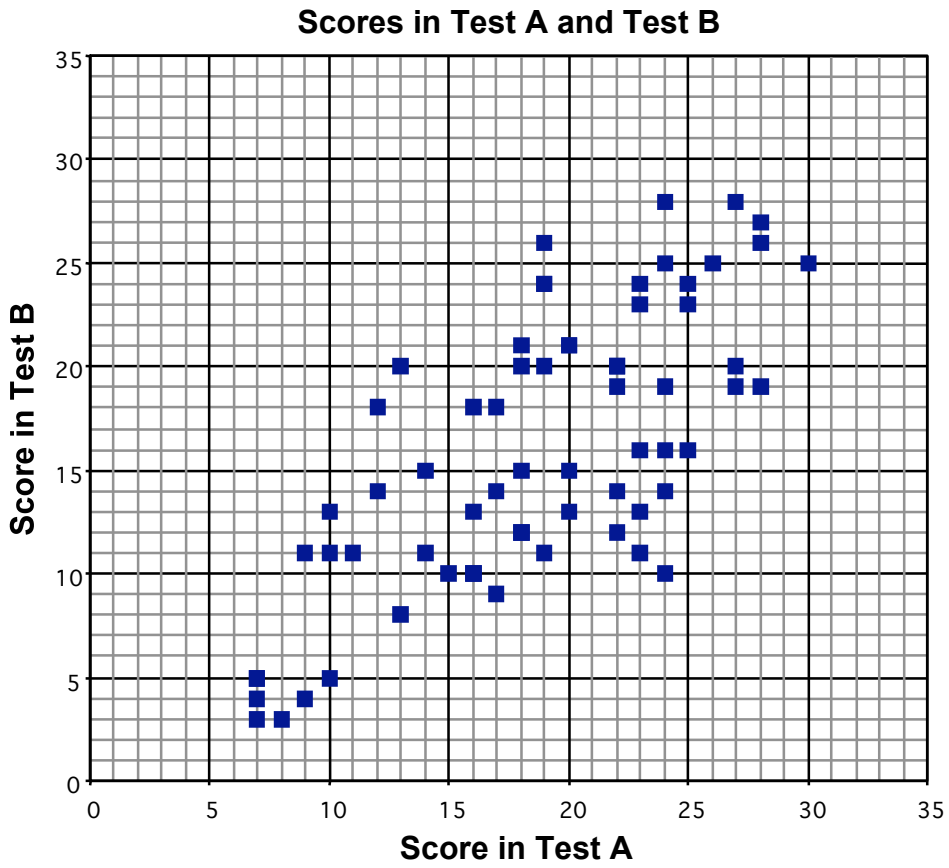
Scatter Diagram

A group of 66 students took two tests; Test A and Test B.
In the scatter diagram, each square represents one student and shows the scores that student got in the two tests.



1. The mean score for Test A was 19 and the mean score for Test B was 16.
   Plot a point to show this on the scatter diagram.

2. Draw a line of best fit on the scatter diagram.
   How can a line of best fit be used?

   _____

   _____

3. Here are five statements about the scores shown on the scatter diagram.

   If a statement is true check (√) it.

   If it is not true, write a correct statement.

Statement	**Check (√) or write correct statement**
The scatter diagram shows positive correlation between the scores on Test A and the scores on Test B.	
The lowest score on Test A is lower than the lowest score for Test B.	
The range of scores on Test B is 25.	
The student with the highest score on Test A also has the highest score on Test B.	
The biggest difference between a student's scores on the two tests is 5.	