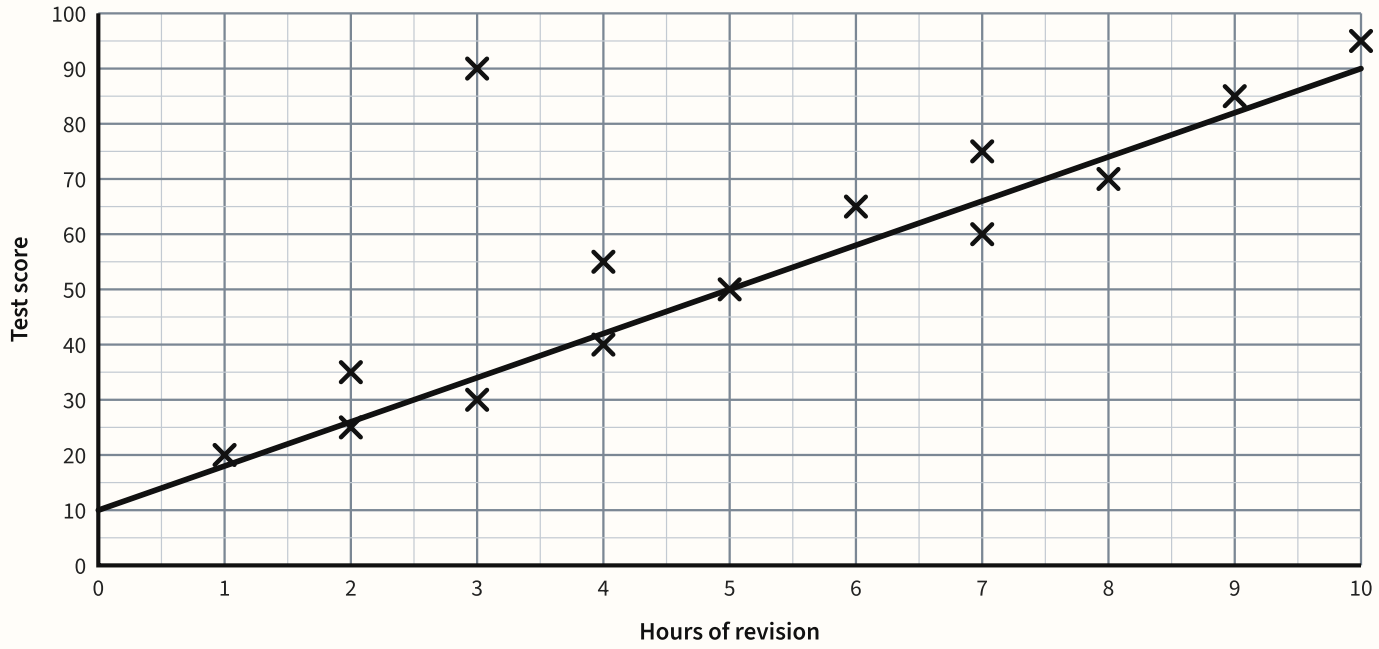
Code Breaker: Scatter Graph

The Maths Habit

CRACK THE CODE

The scatter graph shows how long each student in a class revised and what they scored in a test. The line of best fit has been drawn. Read the graph to answer each question. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

13 CLUES



1 How many students are on the graph?

2 What was the highest score?

3 What was the lowest score?

4 What did the student who revised for 9 hours score?

5 How many hours did the student who scored 65 revise for?

6 How many students revised for 7 hours or more?

7 How many students scored less than 40?

8 What is the range of the scores?

9 One student does not fit the pattern. What did they score?

10 Use the line: estimate the score for 7.5 hours of revision

11 Use the line: estimate the hours needed to score 30

12 Two students revised for 4 hours. How many marks apart are they?

13 How many students revised for exactly 2 hours?

YOUR LETTERS

UNSCRAMBLE Clue: an ice cream flavour (6, 7) _____

CODE BOX

2 = D	**2.5** = A	**3** = B	**4** = M	**5** = T	**6** = L	**10** = N	**13** = O	**14** = A	**15** = S
20 = R	**30** = P	**50** = G	**65** = I	**70** = L	**75** = A	**85** = E	**90** = E	**95** = C	**100** = U