

Mock Grade 4

Maths

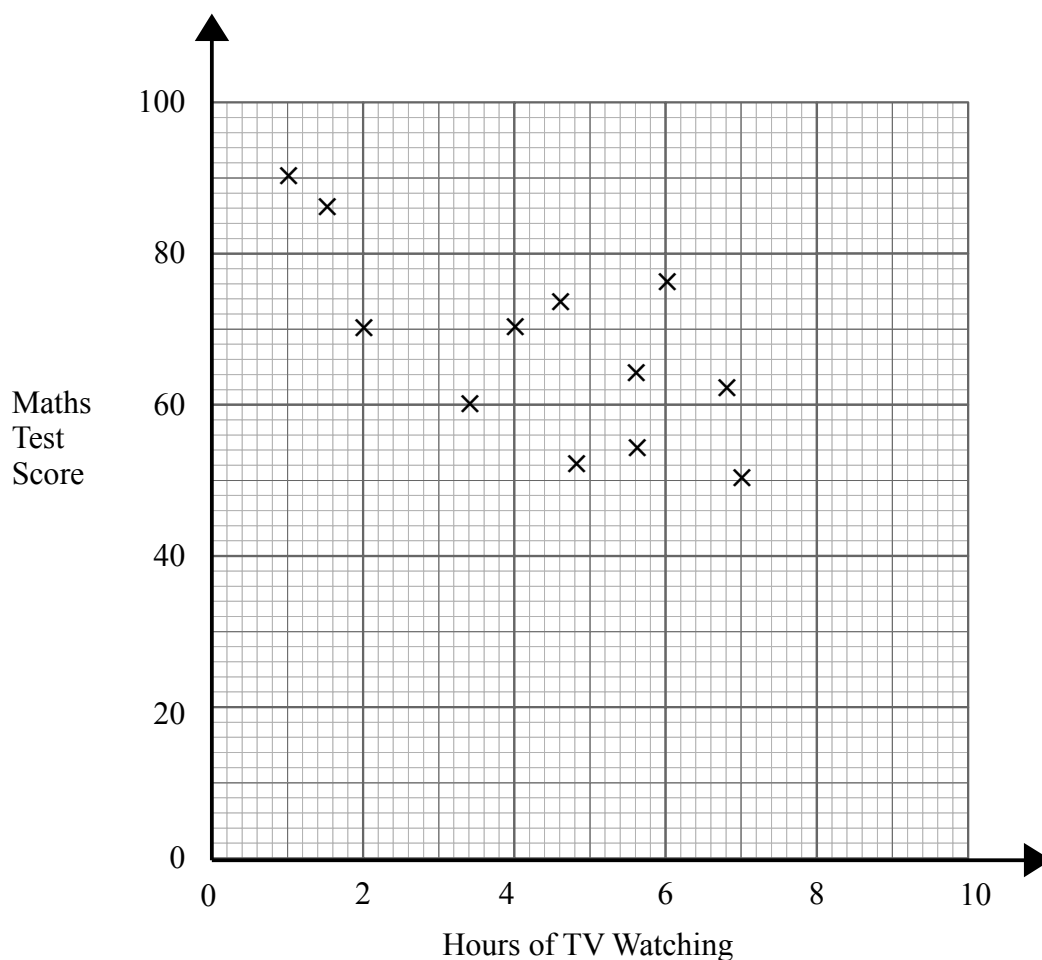
Booklet 1

Paper 1H

Non-Calculator

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- 1 The scatter graph shows information about the test scores of some students in Maths and the number of hours they spend watching TV a day.



- (a) What type of correlation does the scatter graph show?

.....
(1)

Billy says,
“If I reduce the amount of TV I watch my Maths test score will improve.”

- (b) Comment on what Billy says.

.....
.....
(1)

(Total for question 1 is 2 marks)

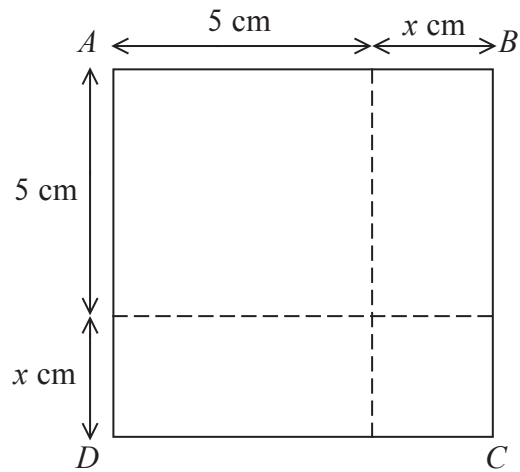
2 Find the lowest common multiple of 108 and 64..

.....
(Total for Question 2 is 3 marks)

3 Work out 78.2×9.8

.....
(Total for Question 3 is 3 marks)

4



The area of square $ABCD$ is 36 cm^2 .

Show that $x^2 + 10x = 11$

(Total for Question 4 is 3 marks)

5 (a) Work out 5.32×6.7

.....
(3)

(b) Work out $151.76 \div 1.4$

.....
(3)

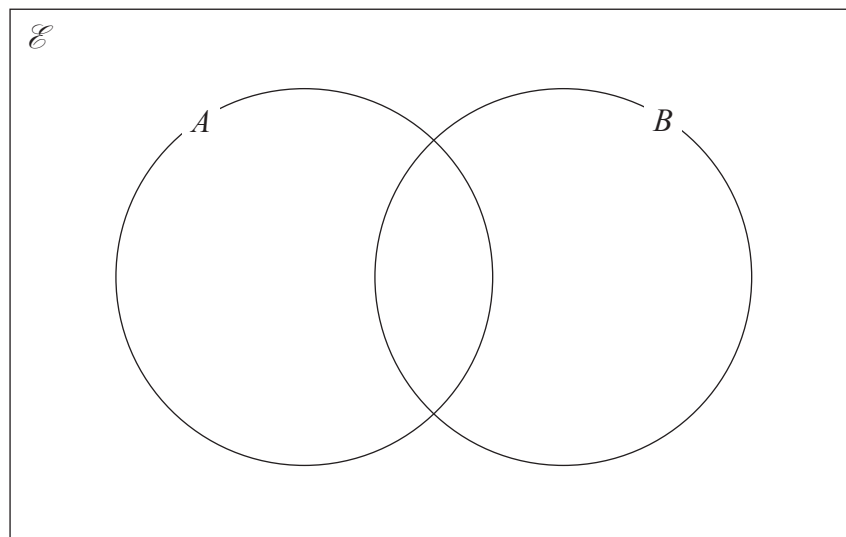
(Total for Question 5 is 6 marks)

6 $\mathcal{E} = \{\text{odd numbers less than } 30\}$

$A = \{3, 11, 21, 29\}$

$B = \{5, 11, 17, 21, 29\}$

Complete the Venn diagram for this information.



(Total for Question 6 is 3 marks)

7 Work out $1\frac{3}{5} \div \frac{3}{4}$

Give your answer as a mixed number.

(Total for Question 7 is 3 marks)

- 8 At the end of 2017
the value of Tamara's house was £180 000
the value of Rahim's house was £280 000

At the end of 2019
the value of Tamara's house had increased by 30%
the value of Rahim's house had decreased by 20%

At the end of 2019, whose house had the greater value?
You must show how you get your answer.

(Total for Question 8 is 4 marks)