



# GCSE Maths Takeaway 47 - Scatter Diagrams

Name: .....

Date: .....

Misha asked ten different coworkers how many people and pets are living in their homes. She used the responses to create the scatter plot shown.

**People and Pets**

Which statement about the numbers of people and pets living in the homes of Misha's ten coworkers is true?

- As the number of people living in the home increases, the number of pets increases.
- As the number of people living in the home increases, the number of pets decreases.
- As the number of people living in the home decreases, the number of pets decreases.
- There is no relationship between the numbers of people and pets living in the home.

Correct Answer: A B C D

Explanation:

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The scatter graph records the number of pairs of gloves sold in a shopping centre each week against the average daytime temperature for the week.

The best 'line of best fit' is...

A	B	C	D
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Correct Answer: A B C D

Explanation:

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The scatter graph records the number of pairs of gloves sold in a shopping centre each week against the average daytime temperature for the week.

The correlation is best described as...

A	B	C	D
Strong Positive	Weak Positive	Weak Negative	Strong Negative

Correct Answer: A B C D

Explanation:

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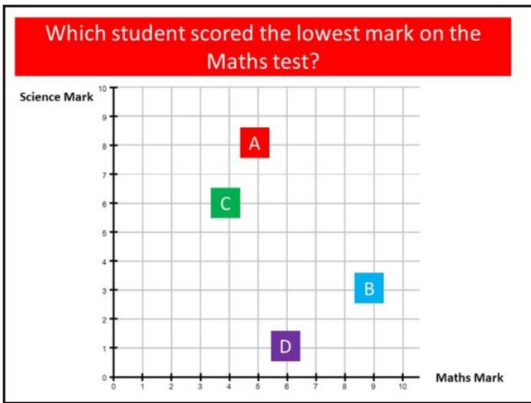
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Correct Answer: A B C D

Explanation:

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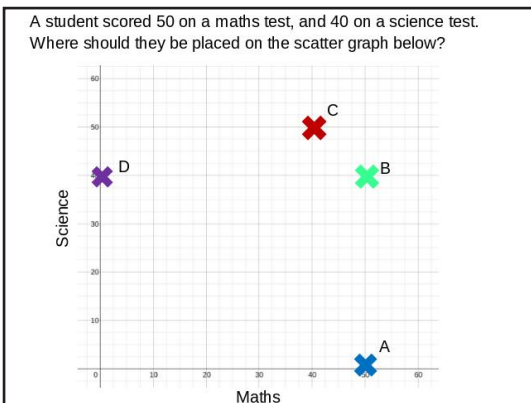
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Correct Answer: A B C D

Explanation:

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