E9.6 Correlation

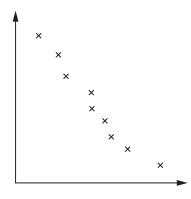
Question Paper

Level			IGCS	E			
Subject			Math	ns (0580)			
Exam Board			Cam	Cambridge International Examinations (CIE)			
Level			Core				
Topic			E9. S [.]	tatistics			
Sub-Topic			E9.6	Correlation			
Booklet			Ques	Question Paper			
Time Allowe	ed:	4 minutes					
Score:		/3					
Percentage:		/100					
Grade Boundaries:							
A*	A	В	С	D	E	U	
>85%	75%	60%	45%	35%	25%	<25%	

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What type of correlation is shown by the scatter diagram?

40-

30-

20

10

0

Number of

ice creams

sold

.....[1]

5

2 The scatter diagram shows the number of sun hats and ice creams sold by a shop each day for two weeks.

-----k-----k-----

8

× × ×

....**×**----!

× ×

6

Number of sun hats sold(a) Write down the type of correlation shown by the diagram.

2

12

10

(b) Describe the relationship between the number of sun hats sold and the number of ice creams sold.

4

Answer(b)[1]