Mathematics

Advanced
PAPER 31: Statistics

Monday 18 October 2021 – Afternoon

Data Booklet

In the boxes below, write your name, centre number and candidate number.

Surname	
Other names	
Centre Number	
Candidate Number	

Pearson

INSTRUCTIONS

There may be spare copies of some data sheets in case you need them.

THIS DATA BOOKLET **MUST** BE RETURNED WITH THE ANSWER BOOKLET AT THE END OF THE EXAMINATION.

Contents

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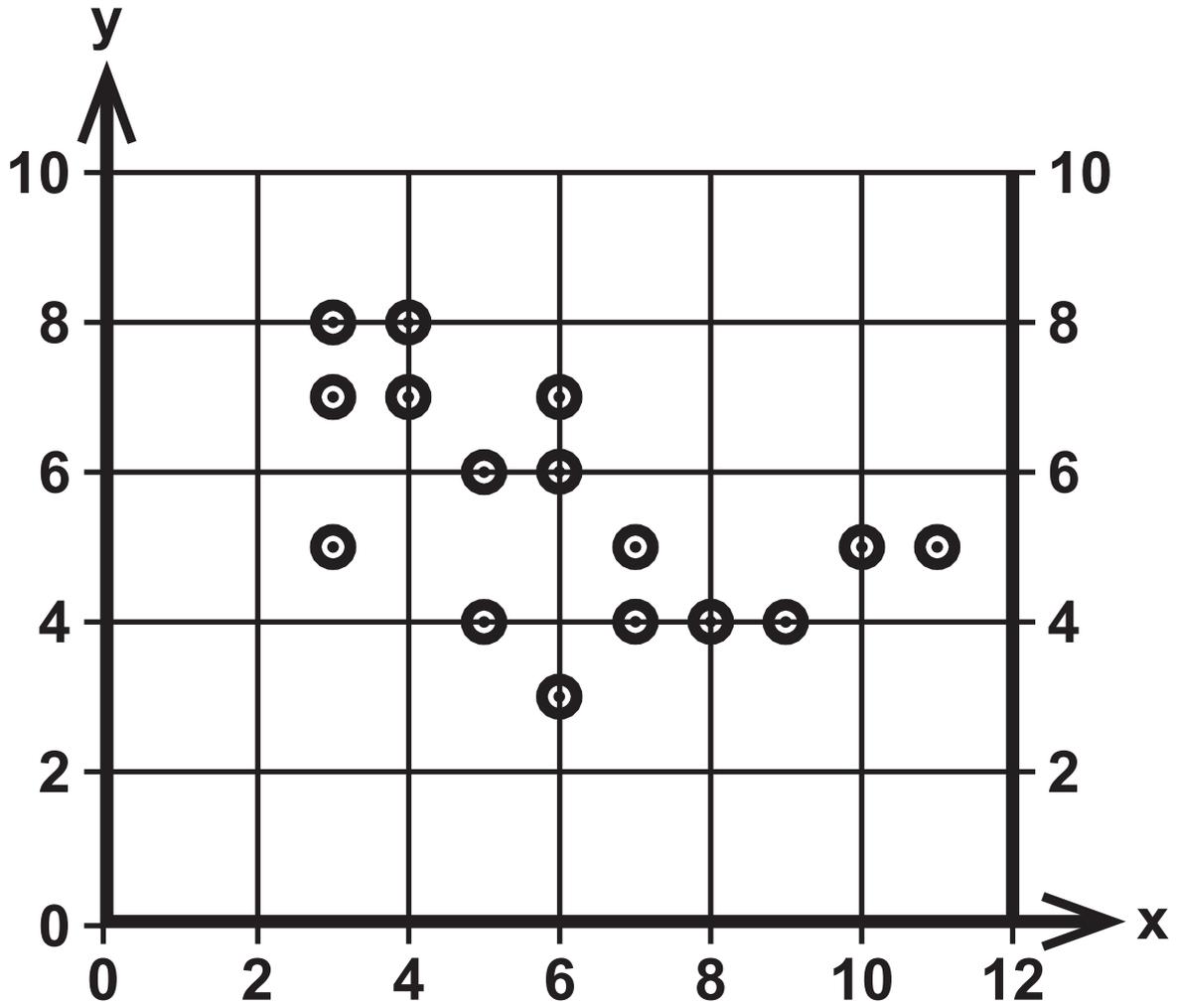
Question 2

Question 2(c)

x	y
3	7
6	7
8	4
7	4
5	6
3	8
11	5
3	5
4	8
5	4
4	7
9	4
7	5
10	5
6	6
6	3

Question 3(d)

Location	Heathrow	Hurn	Leuchars
Daily Mean Pressure	**1029**	**1028**	**1028**
Cardinal Wind Direction			

Question 3(d)

Location	Heathrow	Hurn	Leuchars
Daily Mean Pressure	1029	1028	1028
Cardinal Wind Direction			

Question 4

t

set G   set E

0·08   0·05   0·09

p

q   r

0·36

set S
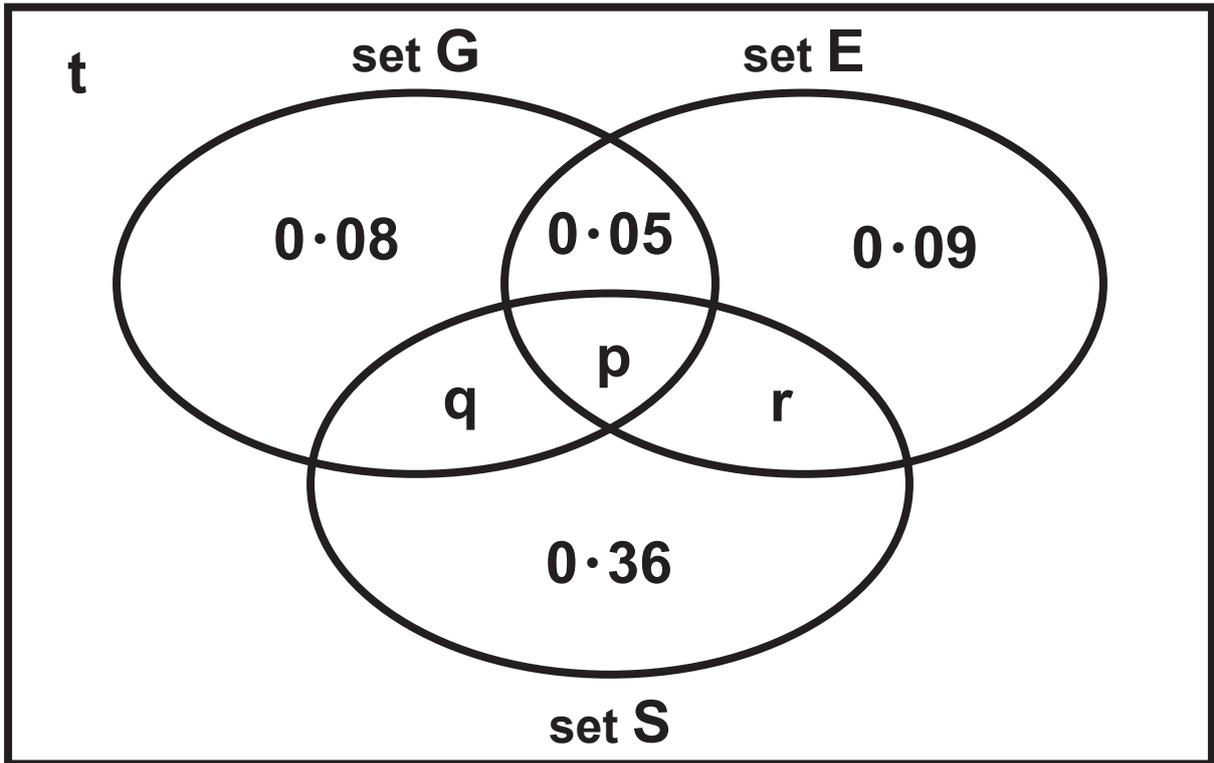
Question 6

x	$P(X = x)$
a	$\log_{36} a$
b	$\log_{36} b$
c	$\log_{36} c$

where

- **a, b** and **c** are distinct integers $(a < b < c)$
- all the probabilities are greater than zero