

Paper Reference 9FM0/3B
Pearson Edexcel
Level 3 GCE

Further Mathematics
Advanced
PAPER 3B: Further Statistics 1

Data Booklet

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

Surname					
Other names					
Centre Number					
Candidate Number					

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.**

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Question 1

Table 1

Number of female cubs	Observed number of litters
0	10
1	33
2	33
3	15
4	9

Table 2

Number of female cubs	Expected number of litters
0	6.25
1	r
2	s
3	r
4	6.25

Question 2

x	$P(X = x)$
-5	0.3
-1	0.25
0	0.1
5	0.15
b	0.2

Question 6

v	$P(V = v)$
2	$\frac{9}{25}$
3	$\frac{12}{25}$
4	$\frac{4}{25}$