

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

Further Mathematics
Advanced
PAPER 3B: Further Statistics 1

Friday 16 June 2023 – Afternoon

Data Booklet

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

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

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

Contents

Page

4	Question 1
5	Question 3 – Table 1
6	Question 3 – Table 2
7	Question 3 – Table 3

Question 1

x	P(X = x)
−2	0.25
−1	a
0	b
1	a
3	0.30

Question 3

Table 1

Number of heads	Frequency
0	3
1	10
2	45
3	62
4	38
5	12

Question 3

Table 2

Number of heads	Expected Frequency
0	r
1	26 · 56
2	s
3	s
4	26 · 56
5	r

Question 3

Table 3

Number of heads	Expected Frequency
0	2.07
1	14.65
2	41.44
3	58.63
4	41.47
5	11.74