

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					

Y74080A

INSTRUCTIONS

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

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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	$26 \cdot 56$
2	s
3	s
4	$26 \cdot 56$
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