



MATHEMATICS MAIN PAPER FOR 2017 ENTRY TEST 2 – ANSWERS

1 mark for each correct answer. Total 60 marks.

	ANSWER				
1a	221				
1b	3001				
1c	143				
2a	<table border="1"><tr><td>3</td><td>19</td></tr><tr><td colspan="2">or 19 x 3</td></tr></table>	3	19	or 19 x 3	
3	19				
or 19 x 3					
2b	<table border="1"><tr><td>7</td><td>13</td></tr><tr><td colspan="2">or 13 x 7</td></tr></table>	7	13	or 13 x 7	
7	13				
or 13 x 7					

	ANSWER
3a	72
3b	28
3c	58
3d	(b)
4a	0.25
4b	0.135
4c	5.031

	ANSWER
5a	81
5b	6
5c	5 & 11 (both required)
5d	31

	ANSWER
6a	2305.1
6b	2.3051
7a	3 4
7b	-17 negative must be clear
8	630 15 14

	ANSWER
9a	350ml
9b	54cm
9c	1.029kg
9d	10.2cm
9e	500mm ²
10	2 8hrs.....min

	ANSWER
11a	£72.00 £72.00p or 72 £.....
11b	£75.60p or 75.60 £..... (not £75.6)
12	7 4 (both required)

	ANSWER
13a	4.4 units <u>not</u> required
13b	49 units <u>not</u> required
13c	2.45 units <u>not</u> required

	ANSWER
14a	6
14b	2400(cm²) units <u>not</u> required
14c	$\frac{2}{8} = \frac{1}{4}$ (accept either)

	ANSWER
15a	8m*
15b	1s*
15c	2m* (allow 1.7-2.3)

* units are required

	ANSWER
16a	20
16b	$\frac{1}{5}$
16c	72° units <u>not</u> required

	ANSWER
17a	3
17b	41
17c	20
18	✓
	x
	x

	ANSWER
19	3 16 15 3 34
20a	33
20b	20
20c	$\frac{28}{75}$

	ANSWER
21a	49
21b	21
21c	8th