

MATHEMATICS MAIN PAPER FOR 2020 ENTRY TEST 2 – ANSWERS

1 mark for each correct answer. Total 60 marks.



	ANSWER
1a	1452
1b	1718
1c	87
2a	$\frac{64}{15}$ or $4\frac{4}{15}$ or equivalent
2b	$\frac{11}{36}$ or equivalent
2c	7
2d	-28

	ANSWER
3a	81
3b	3
4a	$\frac{4}{5}$ or accept 0.8
4b	$\frac{3}{4}$ or accept 0.75
5a	31300
5b	4900

	ANSWER
6a	Hallywells
6b	Merrifords
7a	£28
7b	£112

	ANSWER
8a	64
8b	72
9a	10400
9b	0.0203
10a	6241
10b	38½
10c	468

	ANSWER
11	x = 60° y = 30° z = 110°
12a	(-1, 3)
12b	(3, -1)

	ANSWER
13a	16
13b	12
13c	18
13d	90

	ANSWER
14a	64
14b	400
14c	Monday and Tuesday or abbreviated
15a	3:19 or 3:19pm
15b	2:23 or 2:23pm

	ANSWER
16a	Always true
16b	Never true
16c	Always true
16d	Sometimes true

	ANSWER
17a	3 hours 31 minutes accept 211 minutes
17b	14:21 accept 2:21pm
17c	18:52 accept 6:52pm
18a	190
18b	98
18c	15

	ANSWER
19a	97
19b	6
19c	51st accept 51
20a	12
20b	14
20c	13

	ANSWER
21a	y = 33
21b	x = 14
21c	x = 18

	ANSWER
22a	2
22b	10
22c	B