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	$64/15$ **or** $4\frac{4}{15}$ **or equivalent**
2b	$11/36$ **or equivalent**
2c	**7**
2d	**-28**

	ANSWER
3a	**81**
3b	**3**
4a	$4/5$ **or accept 0.8**
4b	$3/4$ **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**