MATHEMATICS FAMILIARISATION PRACTICE PAPER FOR FIRST USE FOR 2015 ENTRY – ANSWERS

1 mark for each correct answer. Total 60 marks.

	ANSWER
1a	**2114**
1b	**25·51**
2a	**743**
2b	**1·44**
3a	**5180**
3b	**44·22**
4a	**13**
4b	**70**

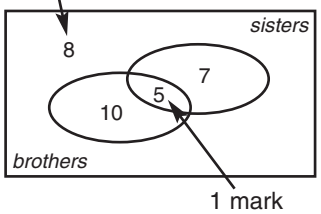
	ANSWER
5a	? = **3**
5b	? = **8**
5c	? = **0**
5d	? = **5**
5e	? = **3**
5f	? = **5**

	ANSWER
6a	**3**
6b	**8**
6c	**49**

	ANSWER
7a	**2**
7b	**1**
7c	**4**

	ANSWER
8a	**8**
8b	**4**
8c	**6**
9a	**50** sq m
9b	**200**

	ANSWER
10a	**46**
10b	Lowest **DOG** ..... **BIRD** ..... **FISH** ..... **CATS** ..... Highest
10c	**E**

	ANSWER
11a	**6**
11b	**19**
11c	**5**
11d	1 mark  1 mark

	ANSWER
12	**£55**
13a	**2500**
13b	**292**
14	

n	2(*n*+1)
5	12
19	**40**
39	80

	ANSWER
15	**0·3**
16a	**3**
16b	**-5**
16c	**50**

17a	**7** **4** **5** - **9** **1**
17b	**5** + **4** x **7** or **5** + **7** x **4**

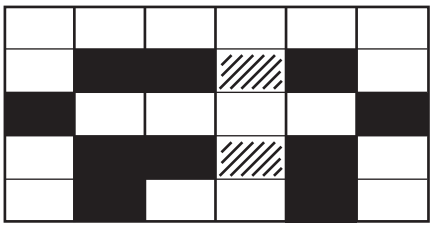
	ANSWER
18a	**2**
18b	**2**
18c	**2, 7, 11**

	ANSWER
19a	**15**
19b	**40°**
20a	**15·5**
20b	**18**

	ANSWER
21a	**2375**
21b	Lowest **DOG** ..... **CATS** ..... **BIRD** ..... **FISH** ..... Highest
21c	**BEG**

	ANSWER
22a	**Some**
22b	**No**
22c	**Some**
22d	**All**

23



	ANSWER
24	**1·25**