

Mark Scheme (Results) Summer 2010

GCSE

GCSE Mathematics (5381F)
Paper 5B

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5381F/5B				
Question	Working	Answer	Mark	Notes
1 (a)		blue	1	B1 for blue
(b)		5	1	B1 for 5
(c)		2	1	B1 for 2
2		1, 8, 6, 5	2	B2 for all frequencies correct (B1 for any 2 or 3 frequencies or 2 or more tallies correct)
3		<i>[H,1]</i> , (H,2), (H,3), (H,4), (H,5), (H,6), (T,1), (T,2), (T,3), (T,4), (T,5), (T,6)	2	B2 for all 12 correct, allow no duplicates or extras (B1 for 7 correct, allow duplicates)
4 (a)		5	1	B1 for 5
(b)		18	1	B1 for 18

5381F/5B				
Question	Working	Answer	Mark	Notes
5 (a)		positive	1	B1 for positive
(b)		200 – 230	1	B1 for 200 – 230 inclusive
6 (a)	$1 - (0.25 + 0.20 + 0.10 + 0.30)$	0.15	2	M1 for $1 - (0.25 + 0.20 + 0.10 + 0.30)$ or $1 - 0.85$ or 15 seen A1 for 0.15 oe
(b)	0.25×100	25	2	M1 for 0.25×100 or $100 \div 4$ oe A1 cao

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