

Mark Scheme

Q1.

5MB2F/01 June 2015				
Question	Working	Answer	Mark	Notes
(a)		43	1	B1 cao
(b)		15	1	B1 cao
(c)		$\frac{3}{10}$	1	B1 for $\frac{3}{10}$ or 3 tenths oe

(Q01 5MB2F/01, June 2015)

Q2.

Question	Working	Answer	Mark	Notes
		$\frac{5}{7}$	P1	for $\frac{7}{5} = 1.4$ or $\frac{5}{7} = 0.7..$ or compares $\frac{1}{7}$ to $\frac{1}{5}$ or compare $\frac{5}{7}$ to 1 eg $1 - \frac{5}{7} (= \frac{2}{7})$ or compare $\frac{7}{5}$ to 1 eg $\frac{7}{5} = 1\frac{2}{5}$ or eg $\frac{49}{35}$ or $\frac{14}{35}$ or $\frac{25}{35}$ oe
		supported	P1	for $\frac{7}{5} = 1.4$ and $\frac{5}{7} = 0.7..$ or compares $\frac{5}{7}$ to 1 eg $1 - \frac{5}{7} (= \frac{2}{7})$ and $\frac{7}{5}$ to 1 eg $\frac{7}{5} = 1\frac{2}{5}$ or two correct fractions with common denominator eg $\frac{49}{35}$ and $\frac{25}{35}$
			C1	for $\frac{5}{7}$ with supporting evidence

(Q14 1MA1/1F, Nov 2017)

Q3.

Question	Answer	Mark	Mark scheme	Additional guidance
	0.12, 0.21, 1.02, 1.20	B1	accept 1.20, 1.02, 0.21, 0.12	

(Q03 1MA1/2F, Nov 2021)

Q4.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	Example	C1	for a correct example, eg $3 \times 4 = 12$ or $12 \div 3 = 4$ or a statement eg '3 is a factor of 12' or '1 is a factor of every number'	This may be seen, for example, in a factor tree or in a list of factors, but there must be no incorrect factors on the tree or in the list
(b)	Example	C1	for an example, eg 23 or a statement eg. 'the tens digit may be even' or 'the last digit only needs to be odd'	

(Q11 1MA1/1F, June 2018)

Q5.

Paper 1MA1: 3F			
Question	Working	Answer	Notes
		Statement	C1 for a full explanation

(Q08 1MA1/3F/S1, Specimen papers)

Q6.

Paper 1MA1: 1F			
Question	Working	Answer	Notes
		0.1, 0.106, 0.16, 0.61	B1

(Q01 1MA1/1F/N, Specimen papers)

Q7.

Question	Working	Answer	Mark	Notes
		3.05, 3.2, 3.205, 3.25	1	B1 cao

(Q02 1MA1/3F/M1, Specimen papers)

Q8.

Question	Working	Answer	Mark	Notes
		0.246, 0.246̇, 0.246̇, 0.246̇	M1	for correct use of recurring symbol eg $0.24\dot{6} = 0.24646\dots$ or 3 terms in the correct relative position
			A1	cao

(Q08 1MA1/1H, Nov 2017)

Q9.

PAPER: 5MB2F_01				
Question	Working	Answer	Mark	Notes
(a)		Ordered	1	B1 for 399, 3007, 3333, 4011, 4435
(b)		Ordered	1	B1 for 0.7, 3.7, 5.62, 14.3
(c)		0.9	1	B1 cao
(d)		$1\frac{3}{8}$	1	B1 cao

(Q01 5MB2F/01, Nov 2014)

Q10.

Question	Working	Answer	Mark	Notes
(a)		1357, 3517, 5713, 7135	1	B1 cao
(b)		0.345, 0.35, 0.354, 0.4	1	B1 cao

(Q02 5MB2F/01, Nov 2012)

Q11.

Question	Working	Answer	Mark	Notes
(a)		-10, -7, -5, 0, 4	B1	cao
(b)		0.2, 0.205, 0.25, 0.52	B1	cao

(Q01 1MA1/1F/M2, Specimen papers)

Q12.

PAPER: 1MA0 1F				
Question	Working	Answer	Mark	Notes
(a)		25, 52, 55, 102, 120	1	B1 cao
(b)		-5, -2, 0, 3, 6	1	B1 cao
(c)		0.06, 0.6, 0.603, 0.63, 0.633	1	B1 cao

(Q01 1MA0/1F, June 2014)

Q13.

	Working	Answer	Mark	Notes
(a)		98 145 358 709 835	1	B1 cao
(b)		-8 -5 -1 4 7	1	B1 cao
(c)	(0.2, 0.25, 0.4, 0.5, 0.75) ($\frac{4}{20}$, $\frac{5}{20}$, $\frac{8}{20}$, $\frac{10}{20}$, $\frac{15}{20}$) (20%, 25%, 40%, 50%, 75%)	0.2 $\frac{1}{4}$ 40% 0.5 $\frac{1}{4}$	2	M1 for two correct conversions into the same form A1 cao If no method seen SCB1 for correct numbers in the reverse order

(Q03 1MA0/1F, Mar 2013)

Q14.

Question	Answer	Mark	Mark scheme	Additional guidance
	40 or tens	B1	cao	Accept trailing zeros, eg 40.0 Accept forty

(Q01 1MA1/2F, Nov 2018)

Q15.

Question	Answer	Mark	Mark scheme	Additional guidance
	2 000 000	B1	for 2 000 000 or 2×10^8	

(Q05 1MA1/2F, June 2019)

Q16.

Question	Answer	Mark	Mark scheme	Additional guidance
	70 or 7 tens	B1	for 70 (or seventy) or 7 tens (or seven tens)	Condone any incorrect spelling provided the intention is clear

(Q01 1MA1/1F, Nov 2019)

Q17.

Question	Answer	Mark	Mark scheme	Additional guidance
	700	B1	for 700 Accept 7 hundreds	

(Q05 1MA1/1F, Nov 2020)

Q18.

Question	Answer	Mark	Mark scheme	Additional guidance
	6000	B1	for 6000 oe	Accept six (6) thousand(s) or just thousand(s)

(Q04 1MA1/1F, June 2022)

Q19.

Question	Answer	Mark	Mark scheme	Additional guidance
	0.5	B1	cao	

(Q03 1MA1/1F, June 2023)

Q20.

Question	Answer	Mark	Mark scheme	Additional guidance
	3107	B1	cao	

(Q01 1MA1/3F, June 2023)

Q21.

Question	Answer	Mark	Mark scheme	Additional guidance
	tenths or $\frac{9}{10}$	B1	for (9) tenths or $\frac{9}{10}$ or 0.9	Condone incorrect spellings provided the intention is clear. Accept .9

(Q05 1MA1/3F, Nov 2023)

Q22.

Question	Answer	Mark	Mark scheme	Additional guidance
	0.03, 0.1, 0.16, 0.2, 0.21	B1	for 0.03, 0.1, 0.16, 0.2, 0.21	accept 0.21, 0.2, 0.16, 0.1, 0.03

(Q04 1MA1/1F, June 2024)

Q23.

Question	Answer	Mark	Mark scheme	Additional guidance
	tens or 30	B1	for (3) tens or 30 or thirty	Condone incorrect spelling provided the intention is clear

(Q03 1MA1/3F, June 2024)

Q24.

Question	Answer	Mark	Mark scheme	Additional guidance
	700	B1		Accept 7 hundreds

(Q01 1MA1/3F, Nov 2024)

Q25.

Question	Answer	Mark	Mark scheme	Additional guidance
	-7, -3, 0, 4, 6	B1	accept in reverse order eg 6, 4, 0, -3, -7	

(Q04 1MA1/3F, Nov 2024)

Q26.

Question	Answer	Mark	Mark scheme	Additional guidance
	0.05, 0.5, 0.507, 0.57	B1	for 0.05, 0.5, 0.507, 0.57	Accept reverse order

(Q03 1MA1/2F, Nov 2024)

Q27.

Question	Answer	Mark	Mark scheme	Additional guidance
	3476	B1	cao	

(Q05 1MA1/2F, Nov 2022)

Q28.

5MB2F 01 November 2015					
Question	Working	Answer	Mark	Notes	
(a)		37	1	B1 cao	
(b)		23 079	1	B1 cao	
(c)		8 hundred	1	B1 for 8 hundreds or 800	

(Q01 5MB2F/01, Nov 2015)

Q29.

Question	Answer	Mark	Mark scheme	Additional guidance
	0.408, 0.41, 0.46, 0.5	B1	for 0.408, 0.41, 0.46, 0.5	Accept written in reverse order

(Q01 1MA1/3F, Nov 2022)

Q30.

Question	Working	Answer	Mark	Notes
		65 and 130 or 53 and 106	P1 A1	for 65 or 53 used 65 and 130 or 53 and 106

(Q04 1MA1/3F/M2, Specimen papers)

Q31.

5MB2F November 2016						
Question	Working	Answer	Mark	Notes	Type	
(a)		965	1	B1 cao	C	
(b)		596	1	B1 cao	C	

(Q07 5MB2F/01, Nov 2016)

Q32.

Question	Working	Answer	Mark	Notes
(a)		4726 in words	1	B1 accept 4 thousand 7 hundred and twenty six
(b)		5 000 000	1	B1 cao
(c)		3600	1	B1 cao
(d)	7.04, 7.47, 7.58, 7.6 7.69	ordered	1	B1 cao

(Q01 1MA0/2F, June 2016)

Q33.

PAPER: 1MA0 1F				
Question	Working	Answer	Mark	Notes
(a)(i)		23	2	B1 cao
ii)		284		B1 cao
(b)(i)		71+95 or 91+75	2	B1 for showing addition of 71 and 95 or 91 and 75
(ii)		166		B1ft for the sum of their two numbers given provided they used only the digits 5, 1, 7 and 9 exactly once each

(Q05 1MA0/1F, Nov 2013)

Q34.

Paper 1MA1: 2F			
Question	Working	Answer	Notes
		300	B1 cao

(Q01 1MA1/2F/N, Specimen papers)

Q35.

Paper 1MA1: 1F			
Question	Working	Answer	Notes
(a)		5412	B2 (B1 for any 4-digit even number using 4,5,1,2 or 5421)
(b)		45, 54, 41, 14, 42, 24, 51, 15, 52, 25, 12, 21	P1 Starts to list systematically; at least 6 correct seen (ignore repeats) A1 Lists all 12 numbers (condone inclusion of all repeats 44, 55 etc)

(Q06 1MA1/1F/S1, Specimen papers)

Q36.

Paper 1MA1: 2F			
Question	Working	Answer	Notes
		3 tenths or $\frac{3}{10}$	B1

(Q01 1MA1/2F/S1, Specimen papers)

Q37.

Question	Working	Answer	Mark	Notes
(i)		15	B1	cao
(ii)		196	B1	cao

(Q03 1MA1/3F, June 2017)

Q38.

Question	Working	Answer	Mark	Notes
		300	B1	for 300

(Q01 1MA1/2F/M2, Specimen papers)

Q39.

Question	Working	Answer	Mark	Notes
(a)		9874	1	B1 cao
(b)		4798	1	B1 cao

(Q02 1MA1/1F/M1, Specimen papers)

Q40.

Question	Answer	Mark	Mark scheme	Additional guidance
	2000	B1	cao	Accept two (2) thousand(s) or just thousand(s)

(Q02 1MA1/3F, Nov 2022)

Q41.

Question	Answer	Mark	Mark scheme	Additional guidance
	Suitable number eg. 564 000	B1	for a suitable 6 digit number with 4 as thousands digit	Can be a decimal eg 4652.99, 4625.90

(Q04 1MA1/2F, June 2018)

Q42.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	974	B1	cao	
(b)	16,28 or 18,26	B1	for fully correct pair of numbers	

(Q05 1MA1/3F, June 2018)

Q43.

Question	Working	Answer	Mark	Notes
(a)		6037	1	B1 cao
(b)		8380	1	B1 cao
(c)		19,21,26,37,43	1	B1 cao

(Q01 5MB2F/01, June 2016)