

Paper 1MA1: 2F				
Question	Working	Answer	Mark	Notes
12 Q1		0.0733(03...)	M1 A1	for correct numerator (3.4496.....) or correct denominator (47.0596) or 0.073 for 0.0733(03.....)

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
3 Q2	1.2	B1	oe	Accept $\frac{12}{10}$ or $\frac{6}{5}$

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
20 (a)	7360	B1	cao	Answer must be given to at least 4 decimal places rounded or truncated Accept a clear indication of the decimal point. Check first four decimal places only
(b)	0.1077981356	B2	for 0.1077(981...)	
Q3		(B1	for 5.74(45626...) or 53.29 or 0.11 or 0.107 or 0.108)	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
8 (a)	2.28	B1	cao	If the correct answer is shown and then rounded, award full marks.
(b)	2.5604	B2	cao	
Q4		(B1	for 6.6564 seen, or for 2.56 or for digits 25604)	

Paper: 1MA1/2F				
Question	Answer	Mark	Mark scheme	Additional guidance
4 Q5	4.2	B1	for 4.2 or $\frac{21}{5}$ oe	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
23 (a) Q6	157.668(255)	M1	for 836.4 or 5.304(809139) or 28.141 or a truncated or rounded version of 157.668255 to no less than 3 sf	Answer must be given to at least 3 decimal places rounded or truncated Accept a clear indication of the decimal point. Check first 3 decimal places only
		A1	for 157.668(255)	
(b)	157.7	B1	ft from part (a) provided answer to (a) has at least 5 sf	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
14 Q7	2.4774(011...)	M1	for 8.77 or 3.54 or 2.477 or 2.47 or 2.48 or $\frac{877}{354}$	If the answer has been rounded to less than 4 dp but the figure is shown in working to 4 dp or more, award full marks. Ignore any incorrect digits after the 4 th decimal place.
		A1	for 2.4774(011...)	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
4 Q8	6.25	B1	for 6.25 oe	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
9 (a)	30	B1	cao	
Q9 (b)	42	B1	cao	
(c)	$\frac{1}{20}$	B1	for $\frac{1}{20}$ or any equivalent fraction or 0.05	

Paper: 1MA1/2F				
Question	Answer	Mark	Mark scheme	Additional guidance
12 (a)	1.844977205	M1	for 3.403(940887) or 3.717(526059) or 2.014(944168) or 1.84(...) or 1.8(...)	Accept consistent use of a comma to indicate a decimal point
Q10		A1	for 1.844(977205)	Answer must be given to at least 3 decimal places rounded or truncated
(b)	1.84	B1	for 1.84 or ft from (a) provided answer to (a) has at least 3 dp	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
17 (a)	87 600	B1	cao	
(b)	13.524	M1	for 33.81 or 2.5 or $\frac{3381}{250}$ or digits 13524	
Q11		A1	cao	

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
5 Q12	1.3	B1	cao	

Paper: 1MA1/2F				
Question	Answer	Mark	Mark scheme	Additional guidance
4 Q13	4	B1	cao	

Paper: 1MA1/2F				
Question	Working	Answer	Mark	Notes
23 (a)		2.7560...	M1	for 1.0654(059...), 0.1402(633...), 7.5957(541...), 2.756 truncated or rounded to no less than 2dp
Q14			A1	for 2.7560(....)
(b)		2.76	B1	for 2.76 ft from (a)

Paper: 1MA1/3F				
Question	Answer	Mark	Mark scheme	Additional guidance
15	5	M1	for 40.15 or 8.03 seen in working	
Q15		A1	cao	