

1	(b)		18	1	B1	cao
2	(a)	$\frac{88.96}{7.48...}$		2	M1	for 88.96 or 7.48... or for an answer of 11.9 or better
			11.88778...		A1	11.88778(004)
3	(c)		1.1049(21029)	2	B2	for 1.1049(21029) ie 5 sf or better truncated or rounded (B1 for 2.98... or 2.7)
4		$\frac{62.3...}{6.07...}$		2	M1	for 62.3(2) or 6.07(646...) or 10.2 or 10.3 or 10.25 or 10.26 or 10.255 or 10.256
			10.2559(6871)		A1	
						Total 2 marks
5	(a)(i)		5.6	1	B1	oe e.g. $\frac{28}{5}$, $5\frac{3}{5}$
	(ii)		2744	1	B1	Allow 2,744
6		$\frac{579}{490}$ or 1.18163.....		2	M1	or 70.1, 70.07, 70.071, 70.072, 70.0716
			70.07163(265.....)		A1	at least 5 dp truncated or rounded
						Total 2 marks
7				2	M1	for 2.72(02...) or 26.01 or 8.67 or 11.4 or 11.39
			11.390(2941)		A1	
						Total 2 marks
8	(a)	eg 15.59 or 0.477 or 0.478 or 0.4778 or 0.4779 or $\frac{745}{1559}$		2	M1	for calculating the denominator or for answer with 3 or 4 dp or for the correct fraction
			0.47787(04298...)		A1	must have minimum of 5 dp
	(b)		0.478	1	B1ft	dep on at least 4 decimal places
						Total 3 marks
9	(a)	$0.48031(4...) + 0.45555(5...) \text{ or } \frac{61}{127} + \frac{41}{90}$		2	M1	Evaluate either fraction correctly as a decimal to at least 5 sf (rounded or truncated) or as a simplified fraction or an answer of 0.935, 0.936, 0.9358 or 0.9359
		<i>Correct answer scores full marks (unless from obvious incorrect working)</i>	0.93587(05162)		A1	Correct to at least 5 sf (rounded or truncated)
10	(c)		1.45582(0007)	2	B2	(B1 for 5.590... or 3.84 or 1.45, 1.46, 1.455, 1.456, 1.4558)
11	(a)	0.725(806...) or 1.53(9419...) or 14.8(4) or 2.26 or 2.27 or 2.265		2	M1	
		<i>Correct answer scores full marks (unless from obvious incorrect working)</i>	2.2652(25539...)		A1	
	(b)		2.27	1	B1	ft from (a) dep on a number that has 4 or more significant figures
						Total 3 marks