

## TAKE 5 ... USE OF CALCULATOR

### Q1.

Q	Working	Answer	Mark	Notes
(a)	$\frac{88.96}{7.48\dots}$		2	M1 for 88.96 or 7.48... or for an answer of 11.9 or better
		11.88778...		A1 11.88778(004)
(b)		12	1	B1 ft provided (a) has at least 3 sig figs
				<b>Total 3 marks</b>

### Q2.

(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)
-----	--	---------------	---	--

### Q3.

Question	Working	Answer	Mark	Notes
(a)	$4.3333(3\dots) + 0.37894(7\dots)$ or $\frac{13}{3} + \frac{36}{95}$		2	M1 Evaluate either fraction correctly as a decimal to at least 5SF (rounded or truncated) or as a simplified fraction or an answer of 4.71(2)
		4.7122(80702)		A1 Correct to at least 5SF (rounded or truncated).
(b)		4.71	1	B1 ft if at least 4SF given in (a) (not 4.71)
				<b>Total 3 marks</b>

### Q4.

Question	Working	Answer	Mark	Notes
(a)		49.876(41697...)	2	B2 If not B2 then award B1 for 41.6(6...) or $\frac{125}{3}$ or $\frac{7.5}{0.18}$ or 8.2(0....)
(b)		50	1	B1 ft from (a) provided 2 or more sig figs
				<b>Total 3 marks</b>

### Q5.

Question	Working	Answer	Mark	Notes
(a)		97	1	B1
(b)		729	1	B1
(c)		19	1	B1
(d)(i)	$\frac{\sqrt{91.21}}{2.46} = \frac{9.55...}{2.46}$			M1 for 9.55(039...) or 2.46 or 91.21 or 3.8 or 3.9 or 3.88 or 3.882
		3.8822 (7344)	2	A1
(d)(ii)		3.9	1	B1 ft if at least 2dp in (i)