

Question	Working	Answer	Mark	Notes
1(a)		56170	1	B1
(b)	$1.368 \times 10^9 - 2.144 \times 10^7$ or 1346560000			M1 for evidence of the correct subtraction (so M0 for $2.144 \times 10^7 - 1.368 \times 10^9$ unless recovered later) or for a correct answer (to at least 3 significant figures) in non-standard form (e.g., 1346560000, 13.4656×10^8 , 1350000000, etc.). The correct answer implies this mark
		1.34656×10^9	2	A1 allow answers which round to (awrt) 1.35×10^9
(c)	$\frac{5.617 \times 10^4}{2.166 \times 10^6}$ or 0.02593...			M1 for evidence of division of the correct two values (condone for M1 $\frac{2.166 \times 10^6}{5.617 \times 10^4}$) or a correct answer (to at least 3 significant figures) in non-standard form (e.g., 0.0259, 0.259×10^{-1} , 0.0259326, etc.) or for 2.59×10^{-n} where n is a positive integer
		2.59×10^{-2}	2	A1 for awrt 2.59×10^{-2} (e.g., $2.593259464 \times 10^{-2}$ scores both marks, but M1A0 for 2.6×10^{-2} if more accurate answer not seen)
Total 5 marks				