8	(a)		1	1	B1
	(b)(i)	$(x \pm 4)(x \pm 9)\ (= 0)$		2	M1 or $(x + a)(x + b)$ where $ab = -36$ **or** $a + b = -5$
		Correct answer scores full marks (unless from obvious incorrect working)	$(x+4)(x-9)$		A1 (isw if they also solve the equation in this part)
	(ii)	*Answers must ft from (b)(i)*	-4 and 9	1	B1 ft Answer **must** ft from their $(x + p)(x + q)$ in (b)(i) Award B0 for -4 and 9 if no marks scored in (i)
					Total 4 marks

9	(a)	$1.75 \times 10^6 \div 2.4 \times 10^7$ or 1 750 000 ÷ 24 000 000 oe eg $\frac{1.75}{24}$		3	M1
		0.0729(16…) or 0.072 or 0.073 or for $\frac{7}{96}$ or 7.29(16…)% or 7.2% or 7.3%			A1
		Correct answer scores full marks (unless from obvious incorrect working)	7.3×10^{-2}		A1 accept 7.3×10^{-2} or better $(7.29(16\ldots.) \times 10^{-2})$
	(b)	$2.4 \times 10^7 \times 5.01 \times 10^{21} \div 3$ oe		2	M1
		Correct answer scores full marks (unless from obvious incorrect working)	4×10^{28}		A1 accept 4×10^{28} , 4.0×10^{28} , 4.01×10^{28} , 4.008×10^{28}
					Total 5 marks