Question			Answer	Marks	Answer
1	(a)		Answer of $14\frac{2}{5}$, 14.4 or 15 with clear, correct working	3	eg $15 \times 1\frac{1}{4} = 18\frac{3}{4}$ or $14 \times 1\frac{1}{4} = 17\frac{1}{2}$ so 1 more month needed or $18 \div 1\frac{1}{4} = 18 \times \frac{4}{5} = 14\frac{2}{5}$ isw if candidate goes on to try and convert to weeks and or days
			As above but there may be any of • a single error in their calculations • lack of clarity eg $15 \times 1\frac{1}{4} = \frac{75}{4}$ • $14 \leq$ *their* answer < 15	2-1	For the lower mark, any correct calculation with $1\frac{1}{4}$ or 1.25 eg $1\frac{1}{4} \times 4 = 5$
			Nothing of any worth	0	

	(b)	(i)	$\frac{1}{t}$	1		
		(ii)	1 cao	1		

2	**(a)**		10^{24}	2	**M1** for $10^{21} \times 1000$ oe or 10^{3} seen	
	(b)		10 000, ten thousand or 10^{4}	2	**M1** for $10^{27} \div 10^{23}$ or 10^{-4} seen	**0** for $27 \div 23$
	(c)		$\frac{1}{10}$	3	**B2** for $\frac{1}{\sqrt{100}}$ or $\sqrt{\frac{1}{100}}$ Or **B1** for $\frac{1}{100^{\frac{1}{2}}}$ or 10 final answer or $\sqrt{100}$	

3	**(a)**		23 (after figs 234[0] seen)	4	**B3** for 23.4[0] Or **B2** for figs 234[0] Or **M1** for complete method seen AND **B1** for answer > 2 sf correctly rounded to 2sf	
	(b)		10^{9}	1	Accept 1 000 000 000	

4	**(a**		850	1		
	(b)		348 or 350	2	**M1** for 850×0.8^4 soi by 348.16 rot	