

Question	Working	Answer	Mark	Notes
1		1.2092	1	B0 for 1.20920 or 1.20921  <i>Total 1 mark</i>
2	$7 - 4n = -123$ or $4n = 130$			M1 for setting the given expression equal to $-123$ <b>or</b> getting $4n = 130$ . This mark can also be achieved for getting the 33 <sup>rd</sup> term as $-125$ <b>or</b> the 32 <sup>nd</sup> term as $-121$
	$n = \frac{130}{4} = 32.5$	No + valid reason	2	A1 dependent on previous M mark. For 'No' plus valid reason eg 32.5 is not an integer, is a decimal, is not a whole number, is a fraction (oe) or 130 is not a multiple of 4 etc. or stating that the 32 <sup>nd</sup> term is $-121$ <b>and</b> the 33 <sup>rd</sup> term is $-125$ Finding $n = 32.5$ and saying no without a reason is A0  <i>Total 2 marks</i>
3	133 – 90			M1 oe eg $90 - (180 - 133)$ or for $90 - 47$ (with the 47 possibly seen on the diagram)
		43	2	A1 allow 043  <i>Total 2 marks</i>
4	$2\frac{7}{10} \times 3\frac{5}{9} = \frac{27}{10} \times \frac{32}{9}$ oe or $2 \times 3 + \frac{7}{10} \times 3 + \frac{5}{9} \times 2 + \frac{7}{10} \times \frac{5}{9}$			M1 correct improper fractions or clear alternative method – this stage must be shown to award any marks
	$\frac{864}{90} = \frac{48}{5} = 9\frac{3}{5}$ or $3 \times \frac{32}{10} = 3 \times \frac{16}{5} = \frac{48}{5} = 9\frac{3}{5}$	$9\frac{3}{5}$	2	A1 dependent on M1 – must see at least one intermediate step between $\frac{27}{10} \times \frac{32}{9}$ and final answer – all stages of simplification if shown need to be correct. No equivalent answers allowed  <i>Total 2 marks</i>