4 (a)	$3x+6=1-5x$ oe or $x+2=\frac{1}{3}-\frac{5}{3}x$ oe or $x+2=\frac{1-5x}{3}$ oe		3	M1 for expansion of the bracket on the LHS in a correct equation **or** dividing the RHS by 3 in a correct equation
	$3x+5x=1-6$ oe or $8x=-5$ oe or $6-1=-5x-3x$ oe or $5=-8x$ oe or $x+\frac{5}{3}x=\frac{1}{3}-2$ oe or $\frac{8}{3}x=-\frac{5}{3}$ oe or $2-\frac{1}{3}=-\frac{5}{3}x-x$ oe or $\frac{5}{3}=-\frac{8}{3}x$ oe			M1 ft (dep on 4 terms) for terms in x on one side of the equation and numerical terms on the other side
	Working required	$-\frac{5}{8}$		A1 (dep on M1) oe eg −0.625
(b)	49 ± ..... or ..... – 15 or $(-7)^2 - 5 \times 3$ oe or $(-7)^2 - 5(3)$ oe or $-7 \times -7 - 5 \times 3$ oe or $-7 \times -7 - 5(3)$ oe		2	M1 for either 49 or −15 shown in the correct place or the correct substitution shown with brackets around –7 Allow 7^2 for $(-7)^2$
	Correct answer scores full marks (unless from obvious incorrect working)	34		A1 SC B1 for –64
(c)		1	1	B1 cao
(d)		$64r^6t^3$	2	B2 for $64r^6t^3$ (B1 a single product with 2 of 64, r^6, t^3 correct eg $64r^6t^n$ where $n \neq 3$ **or** $64r^m y^3$ where $m \neq 6$ **or** pr^6t^3 where $p \neq 64$. One term can be missing with 2 correct for B1 eg $64r^6$ **or** $64t^3$ **or** $(4)r^6t^3$ **or** $a\,r^6bt^3$ where a and b are integers as long as not added to any other terms)
				Total 8 marks