15	(a)		$-\frac{1}{3}$	1	B1 oe allow $-0.\dot{3}$ or -0.33 or better allow $x = -\frac{1}{3}$ or $x \neq -\frac{1}{3}$
	(b)	$\frac{2x-3}{3(2x-3)+1}$		2	M1 for substituting f(x) into g(x) Allow $\frac{f}{3f+1}$
		Correct answer scores full marks (unless from obvious incorrect working)	$\frac{2x-3}{6x-8}$		A1 oe (do not isw incorrect cancelling)
	(c)	$y(3x+1) = x$ and $3xy + y = x$ or $x(3y+1) = y$ and $3xy + x = y$		3	M1 for moving the denominator to the other side of the equation and expanding correctly
		$x(1-3y) = y$ or $x(3y-1) = -y$ or $y(1-3x) = x$ or $y(3x-1) = -x$			M1 for collecting and factorising the variable on one side in a correct equation
		Correct answer scores full marks (unless from obvious incorrect working)	$\frac{x}{1-3x}$		A1 oe eg $-\frac{x}{3x-1}$ or $\frac{-x}{-1+3x}$ oe
					Total 6 marks