6 (a)	$6x - 24 = 3 + 2x$ **or** $x - 4 = \frac{3}{6} + \frac{2}{6}x$ oe		3	M1	for correct removal of fraction and expansion of bracket in a correct equation **or** separating fraction (RHS) in an equation
	$6x - 2x = 3 + 24$ **or** $4x = 27$ **or** $-24 - 3 = 2x - 6x$ **or** $-27 = -4x$ oe **or** $x - \frac{2}{6}x = \frac{3}{6} + 4$ oe **or** $-4 - \frac{3}{6} = \frac{2}{6}x - x$ oe			M1ft	(dep on 4 terms) correctly rearranging their 4 term equation for terms in x on one side of equation and number terms on the other
	Working required	$\frac{27}{4}$		A1	oe eg 6.75 or $6\frac{3}{4}$, dep on M1
(b)(i)	$(y \pm 6)(y \pm 5)$ **or** $(6 \pm y)(5 \pm y)$ **or** $y(y - 6) - 5(y - 6)$ **or** $y(y - 5) - 6(y - 5)$		2	M1	for $(y \pm 6)(y \pm 5)$ **or** $(6 \pm y)(5 \pm y)$ **or** for $(y + a)(y + b)$ where $ab = 30$ or $a + b = -11$ **or** $y(y + a) + b(y + a)$ or $y(y + b) + a(y + b)$ where $ab = 30$ or $a + b = -11$
	Correct answer scores full marks (unless from obvious incorrect working)	$(y - 6)(y - 5)$		A1	oe, allow any letter for y
(ii)		$(y =) 6, (y =) 5$	1	B1	must ft from their answer in (b)(i) ft from their factors in the form $(y + a)(y + b)$
					Total 6 marks