9	(a)		7	1	B1	
	(b)		$8m^{15}p^{12}$	2	B2	for $8m^{15}p^{12}$ (B1 for a single product with any two of 8, m^{15} and p^{12} correct, eg $km^{15}p^{12}$ where $k \neq 8$ **or** $8m^{a}p^{12}$ where $a \neq 15$ **or** $8m^{15}p^{b}$ where $b \neq 12$. One term can be missing with 2 correct for B1)
	(c)		$6cw^2(3c^4 + 5w)$	2	B2	for the correct factorisation (B1 for a correct partial factorisation of at least 2 from 6, c and w or w^2 outside the bracket, eg $6c(3c^4w^2 + 5w^3)$ or $cw(18c^4w + 30w^2)$ **or** for the correct highest common factor on the outside and two terms inside the bracket with one correct eg $6cw^2(3c^4 + \ldots)$ or $6cw^2(\ldots + 5w)$ **or** for $(3c^4 + 5w)$ as a factor)
	(d)	$(x \pm 9)(x \pm 3)$ or $x(x - 3) + 9(x - 3)$ or $x(x + 9) - 3(x + 9)$ **OR** $(x + a)(x + b)$ where $ab = -27$ or $a + b = 6$ and a and b are integers and $a, b \neq 0$		2	M1	allow any letter for x
		Correct answer scores full marks (unless from obvious incorrect working)	$(x+9)(x-3)$		A1	correct factorisation; allow any letter for x ISW if correct factorisation is seen followed by an attempt to solve
						Total 7 marks