1	(a)	x^{15}	B1	cao	
	(b)	$40 - 10x$	M1	for method to expand one bracket or collect like terms, eg $4 \times x + 4 \times 3$ $(= 4x + 12)$ **or** $7 \times 4 - 7 \times 2x$ $(= 28 - 14x)$ **or** $4 \times x - 7 \times 2x$ $(= 4x - 14x)$ **and** $4 \times 3 + 7 \times 4$ $(= 12 + 28)$	
			A1	oe	
	(c)	$3x^2(5x + y)$	M1	for $3(5x^3 + x^2y)$ **or** $x(15x^2 + 3xy)$ **or** $3x(5x^2 + xy)$ **or** $x^2(15x + 3y)$ **or** $3x^2(ax + by)$	Where $a \geq 1$ and $b \geq 1$
			A1	cao	

2	16	M1	for simplifying using a correct rule of indices as a first step eg 4^{9-6} $(= 4^3$ oe) or 4^{-6-1} $(= 4^{-7}$ oe) or 4^{9-1} $(= 4^8$ oe) **or** $\frac{4\times4\times4\times4\times4\times4\times4\times4\times4}{4\times4\times4\times4\times4\times4 \times 4}$ **or** 4^2	
		A1	cao	