Question		Working	Answer	Mark	Notes	
12	(a)		1	1	B1	
	(b)		$27x^6y^{15}$	2	B2	If not B2 then B1 for any two correct terms in a product
	(c)	$2(e^2 - 9)$ **or** $(2e - 6)(e + 3)$ **or** $(e - 3)(2e + 6)$			M1	
			$2(e - 3)(e + 3)$	2	A1	
	(d)	$m^2 = \frac{6a + r}{5r}$			M1	
		$m^2 \times 5r = 6a + r$			M1	
		$5rm^2 - r = 6a$			M1	
			$r = \frac{6a}{5m^2 - 1}$	4	A1	or for $r = \frac{-6a}{1 - 5m^2}$ oe NB: to award A1 we must see $r = \frac{6a}{5m^2 - 1}$ in working if $\frac{6a}{5m^2 - 1}$ alone is given as answer