

Powers and Roots Mark Scheme		
1(a)	a^6	[1]
1(b)	b^3	[1]
1(c)	$4 \times 8 = 32$	[1]
2(a)	m^{11}	[1]
2(b)	m^3	[1]
2(c)	1	[1]
3(a)	n^8	[1]
3(b)	p	[1]
3(c)	32	[1] – Correct multiplier (32)
	$32q^{20}$	[1] – Correct power (20)
4(a)	27	[1] – Correct multiplier (27)
	$27n^6$	[1] – Correct power (6)
4(b)	a^{14}	[1] – Term a^{14} correct
	$a^{14}g^{98}$	[1] – Term g^{98} correct
5(a)	81	[1] – Correct multiplier (81)
	$81t^8$	[1] – Correct power (8)
5(b)	4	[1] – Correct multiplier (4)
	$4x^2y^3$	[1] – Correct term x^2y^3
6(a)	56	[1] – Correct multiplier (56)
	$56a^6b^9$	[1] – Correct terms a^6b^9
6(b)	4	[1] – Correct multiplier (4)
	$4a^2b^3$	[1] – Correct terms a^2b^3
6(c)	$(2ab)^2 \times 2a^4b^6 = 4a^2b^2 \times 2a^4b^6$ $4a^2b^2 \times 2a^4b^6$	[1] – Simplifying
	$8a^6b^8$	[1] - Correct terms a^6b^8

END