

## Question 9 – 5:

9(a)(i)	$(5a - b)(m + 2p)$ final answer	2	<b>M1</b> for $5a(m + 2p) - b(m + 2p)$ or $m(5a - b) + 2p(5a - b)$ or <b>B1</b> for correct answer seen
9(a)(ii)	$5(k + g)(3k + 3g - 4)$ final answer	2	<b>M1</b> for correct partial factorisation by 5 or $(k + g)$ isw eg $5(3k^2 + 6kg + 3g^2 - 4k - 4g)$ or $5(3(k + g)^2 - 4(k + g))$ or $(k + g)(15(k + g) - 20)$ or $(5k + 5g)(3k + 3g - 4)$ or <b>B1</b> for correct answer seen
9(a)(iii)	$(2x - y^2)(2x + y^2)$ final answer	2	<b>M1</b> for answer in form $(a + b)(a - b)$ or <b>B1</b> for correct answer seen
9(b)	$3x^3 - 10x^2 - x + 12$ final answer	3	<b>B2</b> for correct unsimplified expansion or simplified expression with 3 terms correct in a 4-term expression of required form  or <b>B1</b> for correct expansion of two of the brackets with at least 3 terms correct
9(c)	$[a =] 11$ $[b =] 121$	2	<b>B1</b> for each