

WANDOOR GANITHAM - S S L C UNIT TEST 2021

7.10BE

POLYNOMIALS – ANSWER KEY

Qn no.	Key	Score	
1	a) $(x+2)$ or $(x-5)$	1	2
	b) $(x+2)(x-5)$	1	
2	a) $3^2 - 5 \times 3 + 8 = 2$	1	2
	b) 2	1	
3	a) $l - 2m + n$	1	2
	b) $l + n = 2m$	1	
4	a) $2^2 - 7 \times 2 + 10 = 0$	1	3
	b) $5^2 - 7 \times 5 + 10 = 0$	1	
	c) $(x-2)(x-5)$	1	
5	a) $10^2 - 9 \times 10 - k = 10 - k$	1	3
	b) 10	1	
	c) $(x-10)(x+1)$	1	
6	a) $2^2 - 9 \times 2 + 20 = 6$	1	4
	b) $(x-2)$	1	
	c) $x^2 - 9 \times x + 20 - 6 = x^2 - 9 \times x + 14$	1	
	$(x-2)(x-7)$	1	

7	a) $a+b=15$	1	4
	b) $ab=36$	1	
	c) $a=12$, $b=3$	1	
	$(x-12)(x-3)$	1	

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