#### GRADE 11 MATHEMATICS FINAL EXAM TASK 8.1

	2.1.1	Bepaal 'n formule ir die n <sup>ee</sup> term.	(2)
		$T_n = 4n \checkmark + 2\checkmark$	✓ 4n
		C. The Carlot of Property of the Control of the Con	<b>√</b> +2
	2.1.2	Calculate the value of Tru.	(2)
	212	Bereken die waarde van I	(2)
		$T_{21} = 4(21) + 2\checkmark$	y Subst CA
		721 - 86	2.1.1
		121 - 00*	- A
	2.1.3	Determine the number of terms in the pattern.	(2)
	213	Beosal de santal terme in die patroon.	(2)
	2.1.4	202 v = 4n + 2	1.27
		4n = 200	✓ Subst (CA)
		n = 50	
_		n = 50*	- A
2.2	Given the first four terms of a linear pattern : 1; x; y; 16.		20.000
	Calculate the values of x and y.		(4)
2.2	Gegee die eerste vier terme van 'n linêre patroon : : 1; x; y; 16:		
	Bereken die waardes van z en y		(4)
- 25	63	x-1=y-x	v in terms
		$\dot{y} = 2x - 1$	of x
		and	
		y - x = 16 - y	✓ subset
		2x - 1 - x = 16 - (2x - 1)	
		$\dot{x} = x - 1 = 17 - 2x$	
		3x - 18	
		7 - 6	
		y - 2(6) - 1 - 11 ×	√y - 11
		y = 2(6) = 1 = 11 ·	- y - 11
		OR	
		$T_n = a + (n-1)d$	✓ substinto
		16 = 1 + (4 - 1)d	formula
		16 - 1 + 3d	1011110
		3d - 15	
		d - 57	10-5
		x - 1 - 5	
		x = 6/	√x - 6
		16 - y = 5	✓y - 11
		y - 11	
2.3	The quadratic sequence -3; p; 9; q; 37 has a constant second difference of 4.		
2.3	Die kwac van 4.		
	2.3.1	Prove that the values of $p-1$ and $q-21$ .	(3)
	231	Bewys dat die waardes van $p=1$ en $q=21$ is.	(3)
	B. Aller of Market 1881	Gurry a was will wrate with a will by - a to by - a to by -	[ (Jag)

# **Mathematics Paper 1 Grade 11 Platinum Questions**

Dr. Manish Gupta, Deepak
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