LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

SEKHUKHUNE SOUTH DISTRICT

GRADE 4

MATHEMATCIS
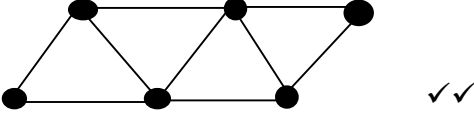
CONTROLLED TEST 2

40 MARKS

07 JUNE 2022

MARKING GUIDELINE

Question 1		
1.1	30; 35 ;40; 45; 50 ✓	(1)
1.2	1007; 2346; 5895; 5958✓	(1)
1.3	Even✓	(1)
1.4	< ✓	(1)
1.5	6000✓	(1)
1.6	Tens✓	(1)
		[6]
Question 2		
2.1	$a = 15$ ✓ $b = 6$ ✓	(2)
2.2	Shape and number of triangles: 2 marks ✓✓	(2)
	2.2.2 Add 2 ✓	(1)
	2.2.3 a. 9✓ b. 7✓	(2)
		[7]
Question 3		
3.1	3.1.1 True ✓ 3.1.2 False✓	(1) (1)
3.2	9 ✓	(1)
3.3	35 + 49 = 84✓	(1)
		[4]
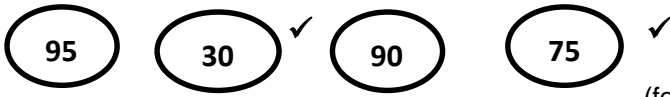
Question 4		
4.1	4.1.1 $467 + 986$ $= 400 + 60 + 7 + 900 + 80 + 6$ ✓ expanded notation: 1 mark $= 1300 + 140 + 13$ ✓ $= 1000 + 300 + 100 + 40 + 10 + 3$ $= 1000 + 400 + 50 + 3$ simplify: 1 mark $= 1453$ ✓ answer: 1 mark	(3)
	4.1.2 $655 - 228 = 660 - 233$ ✓ compensating: 1 mark $\qquad = (600 + 60) - (200 + 33)$ simplify: 1 mark $\qquad = (600 - 200) + (60 - 33)$ ✓ answer: 1 mark $\qquad = 400 + 27$ $\qquad = 427$ ✓ $\qquad\qquad$ (accept any number used correctly for compensation)	(3)
4.2	$\qquad\qquad\qquad\qquad\qquad$ Number sentence: 1 mark $529 - 35 - 22$ ✓ $= 529 - 57$ ✓ method: 1 mark $\qquad\qquad = 472\ bulbs\ are\ working$ ✓ answer: 1 mark $\qquad\qquad\qquad\qquad$ (accept any correct method)	(3)
		[9]
Question 5		
5.1	(for every 2 multiples circled is 1 mark)	(2)
5.2	F12 = 1; 2; 3; 4; 6; 12✓✓ (all should be correct)	(2)
5.3	Estimation / Actual table (below)	(2)

Estimation	Actual
28×14 $= 30 \times 10$ ✓ method: 1 mark $= 300$ ✓ answer: 1 mark $\qquad\qquad\qquad$ (2)	28×14 $= (20 + 8) \times (10 + 4)$ $= (20 \times 10) + (20 \times 4) + (8 \times 10) + (8 \times 4)$ ✓ $= 200 + 80 + 80 + 34$ method: 1 mark $= 392$ ✓ answer: 1 mark $\qquad$ (accept any other correct method)

5.3	5.3.1	
	$369 \div 3$ $= (300 + 60 + 9) \div 3$ $= (300 \div 3) + (60 \div 3) + (9 \div 3)$ ✓ method: 1 mark $= 100 + 20 + 3$ $= 123$ ✓ answer: 1 mark (accept any other correct method)	(2)
	5.3.2	
	$128 \div 5$ $= (100 + 20 + 8) \div 5$ $= (100 \div 5) + (20 \div 5) + (8 \div 5)$ ✓ method: 1 mark $= 20 + 4 + 1 + remainer\ 3$ $= 25\ remainder\ 3$ ✓ answer: 1 mark (accept any other correct method)	(2)
5.4	$238 \div 7$ $= (210 + 28) \div 7$ $= (210 \div 7) + (28 \div 7)$✓ method: 1 mark $= 30 + 4$ accept any other correct method $= 34$✓ answer: 1 mark	(2)
		[14]
	TOTAL	**[40]**