

#### ANNUAL NATIONAL ASSESSMENT 2013 GRADE 5 MATHEMATICS MEMORANDUM

### MARKS: 60

## This memorandum consists of 3 pages.

## Important information:

- Give full marks for answers only, unless otherwise stated.
- 2. Accept any alternative correct solution that is not included in the memorandum.
- 3. CA refers to consistent accuracy. See clarification in question 8.1

Question		Expected Answer	Clarification	Mark allocation	Total
100	1.1	8 -		1	
	1.2	D ✓	8	1	1
	1.3	C ✓		1	
	1.4	8 -		1	-
	1.5	C		1	
	1.6	8 -		1	1
	1.7	AY		1	1 10000
	1.8	8 -		1	8
2.	2.1	33 755 -		1	
	2.2	100 000 ✓		1	2
3.		200 000 or 2 Hundred Thousand or 2HTh <		1	
4.		< 2		1	1 1
5.		9 ✓		1	1
6.		19 -	(Rule 3 = 2 × 1 + 1 5 = 2 × 2 + 1, 7 = 2 × 3 + 1) 19 = 2 × 9 + 1 25 = (51-1) + 2	1	2
7.	7.1	True V	20 - 101-11	1	3
	7.2	False -		1 1	
	7.3	True -/		1	
8.	8.1	11 523 21 275 + 7 356 40 154 or 11 523 = 10 000 + 1 000 + 500 + 20 + 3 21 275 = 20 000 + 1 000 + 200 + 70 + 5 + 7 356 Sum = 40 000 + 1000 + 50 + 6 = 40 154 or 10 000 + 1 000 + 500 + 20 + 3 + 20 000 + 1 000 + 200 + 70 + 5 + 7 000 + 300 + 50 + 6 = 10 000 + 20 000 + 1 000 + 1 000 + 7 000 + 500 + 200 + 300 + 20 + 70 + 50 + 3 + 5 + 6 = 40 000 + 100 + 50 + 4 = 40 154	Arrangement of values: 1 mark Correct answer: 1 mark  11 523 21 275 X +7 358 106 358 < 1 mark for CA	2	
	8.2	69 157 -17 239 -51 918 ~	Arrangement of values: 1 mark Correct answer; 1 mark	2	

# **Mathematics Memorandum 2013 Grade Paper 1**

**Arturo Cuomo** 

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