



**basic education**

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

# **ANNUAL NATIONAL ASSESSMENT**

## **GRADE 1**

### **MATHEMATICS**

#### **SET 3: 2012 EXEMPLAR**

#### **MEMORANDUM**







ANNUAL NATIONAL ASSESSMENT 2012

GRADE 1 MATHEMATICS SET 3

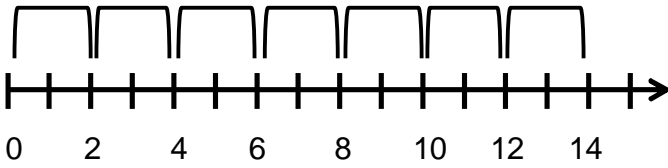
MEMORANDUM

Numbers, Operations and Relationships			
Questions	Expected answers	Marks	Total
1.	13	1	1
2.	17	1	1
3.	16	1	1
4.	11	1	1
5.	16	1	1
6.	9	1	3
	11	1	
	15	1	
7.	15	1	3
	16	1	
	17	1	
8.	15	1	2
	13	1	
9.	9	1	3
	8	1	
	7	1	
10.	five – 5	1	4
	ten – 10	1	
	nine – 9	1	
	two - 2	1	
11.	a. 6	1	4
	b. 4	1	
	c. 10	1	

	d. 8	1	
12.	19 -19 55 – 55 73 - 73	1 1 1	3
13.	a. 5 b. 8 c. 6 d. 2	1 1 1 1	4
14.	a. two b. 9 c. 3 d. seven	1 1 1 1	4
15.	a. one b. four c. eight d. ten e. five	1 1 1 1 1	5
16.	7 - seven 1 - one 3 - three 9 - nine 2 - two	1 1 1 1 1	5
17.	10; 11; 12; 13; 14	1	1
18.	8; 7; 6; 5; 4	1	1
19.	2; 3; 4; 5; 6	1	1
20.	a. the most b. just as many c. the least	1 1 1	3
21.	a. car b. cow c. man	1 1 1	3

22.	a. first b. fourth	1 1	2
23.	a. a b. b c. r	1 1 1	3
24.	9 11 12 13	1 1 1 1	4
25.	6 8	1 1	2
26.	a. Position 10  b. Position 11  c. Position 13  d. Position 15 	1 1 1 1	4





<b>Place values</b>			
<b>Questions</b>	<b>Expected answers</b>	<b>Marks</b>	<b>Total</b>
1.	a. $12 = 1 \text{ ten} + 2 \text{ ones}$ b. $15 = 1 \text{ ten} + 5 \text{ ones}$	1 1	2
2.	a. 13 b. 11	1 1	2

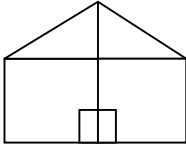

Operations with numbers			
Questions	Expected answers	Marks	Total
1.	Double 4 = 8 Double 7 = 14	1 1	2
2.	a. 10 b. 12 c. 4	1 1 1	3
3.	a. Ten b. Two c. Twelve d. Six	1 1 1	3
4.	a. 4 b. 6 c. 1	1 1 1	3
5.	b. 7 c. 3 d. 5	1 1 1	3
6.	 <p>0    2    4    6    8    10    12    14</p>	1	1
7.	a. 7 b. 11 c. 6	1 1 1	3
8.	a. 17 b. 12 c. 15	1 1 1	3
9.	10 - 5 8 - 3 7 - 2 5 - 0	1 1 1 1	4

10.	a. 15 b. 10	1 1	2								
11.	a. 7 b. 11 c. 12	1 1 1	3								
12.	a. 5 b. 10 c. 0 d. 14	1 1 1 1	4								
13.	14 - 10 6 - 2 12 - 8	1 1 1	3								
14.	a. 3 b. 5 c. 15	1 1 1	3								
15.	$3 + 3 + 3 = 9$	1	1								
16.	b. 000 000 000 $3 + 3 + 3 = 9$ c. 0000 0000 0000 $4 + 4 + 4 = 12$	1  1	2								
17.	a. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>000</td><td>000</td></tr></table> b. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>00</td><td>00</td></tr></table> c. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>0000</td><td>0000</td></tr></table> d. <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>00000</td><td>00000</td></tr></table>	000	000	00	00	0000	0000	00000	00000	1  1  1	4
000	000										
00	00										
0000	0000										
00000	00000										
18.	4 groups	1	1								

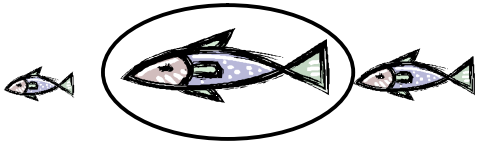
19.	a. 5 b. 2 c. 7 d. 2	1 1 1 1	4
20.	a. 5 b. 1	1 1	2

<b>Money</b>			
<b>Questions</b>	<b>Expected answers</b>	<b>Marks</b>	<b>Total</b>
1.	a. 15c b. R7 c. 80c d. R16	1 1 1 1	4
2.	Paid R12 Change R8	1 1	2
3.	a. R 9 b. 35c	1 1	2
4.	4 coins	1	1
5.	$R4 + R4 + R4 + R4 = R16$	1	1

<b>Patterns, Functions and Algebra</b>			
<b>Questions</b>	<b>Expected answers</b>	<b>Marks</b>	<b>Total</b>
1.	a. = IIII b.   c.  	1 1 1	3

Space and shape			
Questions	Expected answers	Marks	Total
1.	a. X b. O c. X d. O	1 1 1 1	4
2.	a. No b. Yes c. Yes d. Yes	1 1 1 1	4
3.	a. behind b. in front of	1 1	2
4.	cat	1	1
5.		1	1
6.	yes	1	1
7.		1	1



Measurement			
Questions	Expected answers	Marks	Total
1.	a. 5 b. 12	1 1	2
2.	a. 1 b. 4 c. 3 d. 2	1 1 1 1	4
3.	 <p>Circle the fish in the middle.</p>	1	1
4.	a. ruler b. book	1 1	2

Data handling			
Questions	Expected answers	Marks	Total
1.	a.       b. + + + + + + + + + + c. + + + + +   d. + + + + + + + + + +	1 1 1 1	4
2.	a. 2 b. 4 c. $4 + 8 + 2 + 5 = 19$	1 1 2	5