



basic education

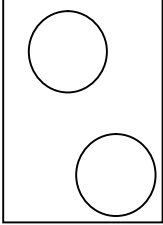
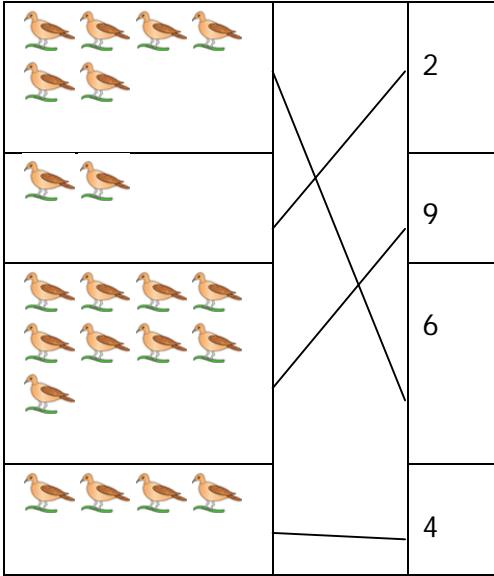
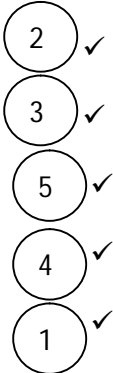
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

ANNUAL NATIONAL ASSESSMENT

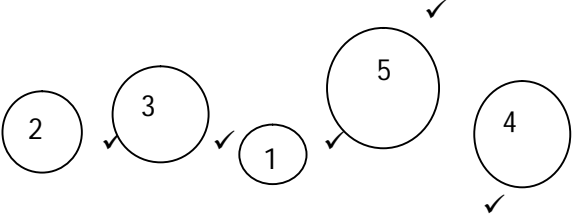
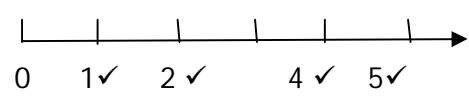
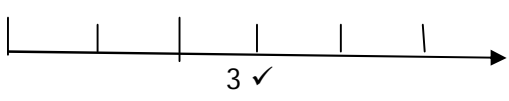
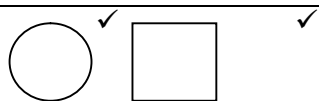
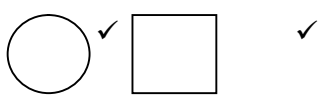
GRADE 1

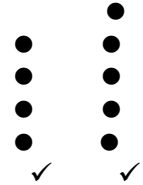
MATHEMATICS MEMORANDUM

TERM 1: 2012 EXEMPLAR


Question	Expected answers	Marks	Difficulty level
NUMBERS, OPERATIONS AND RELATIONSHIPS			
1.	5 ✓	1	E
2.	3 ✓	1	E
3.	3 ✓	1	E
4.	3 ✓	1	E
5.		(1 full mark for two circles)	M
6. a	2, ✓ 3 ✓	2	M
b	3, ✓ 4 ✓	2	M
c	3, ✓ 2 ✓	2	M
d	4, ✓ 2 ✓	2	M
7.		4 (1 mark for each correct matching.)	M
8.		5 (1 mark for each correct circled number).	E

9.		3 (1 mark for each correct line)	M															
10.		2 (1 mark for each correct number)	M															
11.	4✓ 2✓ 1✓	3	M															
12.	4✓ two✓ 5✓ three✓ one✓	5	M D M D D															
13.	five✓ one✓ three✓ four✓ two✓	5	D															
14.	<table border="1"> <tr><td>3</td><td></td><td>one✓</td></tr> <tr><td>2</td><td></td><td>two✓</td></tr> <tr><td>1</td><td></td><td>four✓</td></tr> <tr><td>4</td><td></td><td>three✓</td></tr> <tr><td>5</td><td></td><td>five✓</td></tr> </table>	3		one✓	2		two✓	1		four✓	4		three✓	5		five✓	5 1 (mark for each correct answer)	M
3		one✓																
2		two✓																
1		four✓																
4		three✓																
5		five✓																
15.	more✓ less✓	2	D															
16.	a. goat ✓ hen✓ b. bicycle✓ car✓ c. square✓ triangle✓	2 2 2	D															
17.	1,✓ 2,✓ 3,✓ 4,✓ 5,✓	5	M															
18.	5,✓ 4,✓ 3,✓ 2, ✓1,✓	5	M															



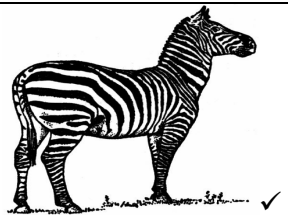


19.		5 (1 mark for each number in the correct circle size)	M
20.		4	M
21.		1	M
Problem Solving			
22.	5✓	1	D
23.	4✓	1	D
24.	3✓	1	D
25.	5✓	1	D
26.	3✓	1	D
27.	1✓	1	D
28.	2✓	1	D
29.	2✓	1	D
30.	2✓	1	D
Operations			
31.	a. 2✓ 3✓ 5✓ b. 4✓ 4✓ 5✓ c. 2✓ 2✓	1 1 1 1 1 1 1 1	M M M M M M M M
PATTERNS, FUNCTIONS, AND ALGEBRA			
32.		2	M
33.		2	M

34.		2 (1 mark for the correct number of dots)	D
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SPACE AND SHAPE

35.	A✓	1	D
36.	left✓	1	D
37.	ball✓	1	D
38.		1	M

MEASUREMENT

39.	morning	1	D
40.		1	M
41.		1	M
42.		1	M
43.		1	M
44.		1	M