



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

JAARLIKSE NASIONALE ASSESSERING

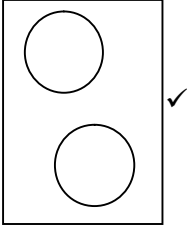
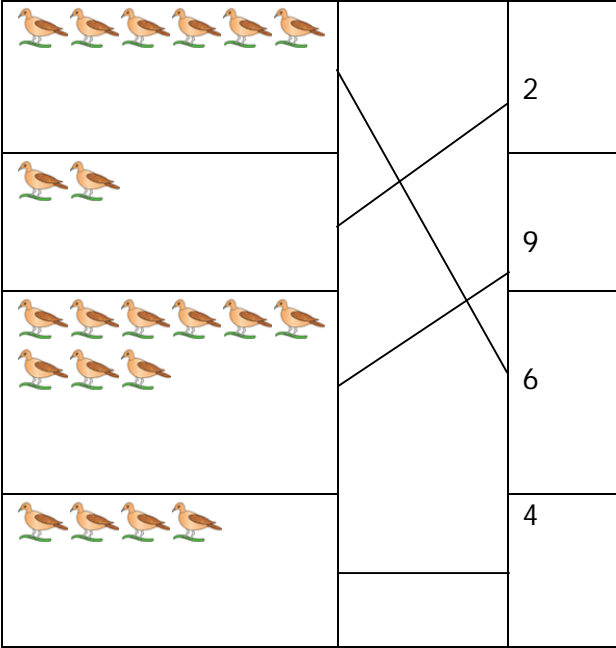
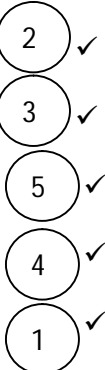
GRAAD 1

WISKUNDE

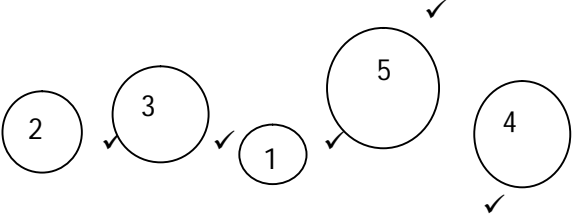
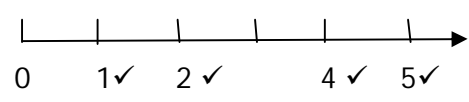
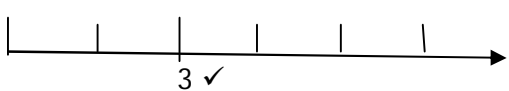
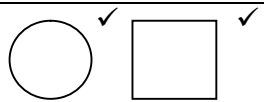
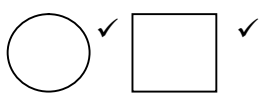
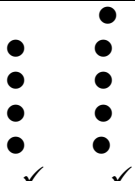
MEMORANDUM

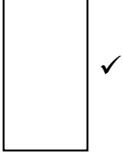


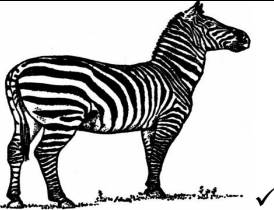


STEL 1: 2012 VOORBEELD

GRAAD 1 WISKUNDE MEMORANDUM – EERSTE KWARTAAL

VRAAG		VERWAGTE ANTWOORD(E)	PUNT(E)	MOEILIKHEIDSVLAK
GETALLE, BEWERKINGS EN VERWANTSKAPPE				
1.		5 ✓	1	B
2.		3 ✓	1	B
3.		3 ✓	1	B
4.		3 ✓	1	B
5.			1 vol punt vir 2 sirkels	G
6.	a	2, ✓ 3 ✓	2	G
	b	3, ✓ 4 ✓	2	G
	c	3, ✓ 2 ✓	2	G
	d	4, ✓ 2 ✓	2	G
7.			4 (1 punt vir elke korrekte verbinding).	G
8.			5 (1 punt vir elke korrekte omkringde getal).	B

9.		3 (1 punt vir elke korrekte lyn).	G															
10.		2 (1punt vir elke korrekte getal).	G															
11.	4✓ 2✓ 1✓	3	G															
12.	4✓ twee✓ 5✓ drie✓ een✓	5	G M G M M															
13.	vyf✓ een✓ drie✓ vier✓ twee✓	5	M															
14.	<table border="1"> <tr><td>3</td><td></td><td>een✓</td></tr> <tr><td>2</td><td></td><td>twee✓</td></tr> <tr><td>1</td><td></td><td>vier✓</td></tr> <tr><td>4</td><td></td><td>drie✓</td></tr> <tr><td>5</td><td></td><td>vyf✓</td></tr> </table>	3		een✓	2		twee✓	1		vier✓	4		drie✓	5		vyf✓	5 (1 punt vir elke korrekte verbinding).	G
3		een✓																
2		twee✓																
1		vier✓																
4		drie✓																
5		vyf✓																
15.	meer✓ minder✓	2	M															
16.	a. bok ✓ hen✓ b. fiets✓ motor✓ c. vierkant✓ driehoek✓	2 2 2	M															
17.	1,✓ 2,✓ 3,✓ 4,✓ 5,✓	5	G															
18.	5,✓ 4,✓ 3,✓ 2, ✓1,✓	5	G															

19.		5 (1 punt vir elke getal in die regte grootte sirkel).	G
20.		4	G
21.		1	G
Probleemoplossing			
22.	5✓	1	M
23.	4✓	1	M
24.	3✓	1	M
25.	5✓	1	M
26.	3✓	1	M
27.	1✓	1	M
28.	2✓	1	M
29.	2✓	1	M
30.	2✓	1	M
Bewerkings			
31.	a. 2✓ 3✓ 5✓ b. 4✓ 4✓ 5✓ c. 2✓ 2✓	1 1 1 1 1 1 1 1	G G G G G G G G
PATRONE, FUNKSIES EN ALGEBRA			
32.		2	G
33.		2	G
34.		2 (1 punt vir die korrekte aantal kolletjies).	M

RUIJTE EN VORM			
35.	A✓	1	M
36.	links✓	1	M
37.	bal✓	1	M
38.		1	G
METING			
39.	oggend	1	M
40.		1	G
41.		1	G
42.		1	G
43.		1	G
44.		1	G