



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

ANNUAL NATIONAL ASSESSMENT

GRADE 2

MATHEMATICS

MEMORANDUM

TERM 1: 2012 EXEMPLAR



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REPUBLIC OF SOUTH AFRICA

**ANNUAL NATIONAL ASSESSMENT
TERM 1 EXEMPLAR TEST
GRADE 2 MATHEMATICS
MEMORANDUM**

NUMBERS, OPERATIONS AND RELATIONSHIPS

QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
1	a	25	1	4
	b	5	1	
	c	2	1	
	d	12	1	
2		✓ ✓ ✓ 20 , 21 , 22 , 23 , 24 , 25	3	
3	a	✓ ✓ ✓ 14 ; 16 ; 18 ; 20 ; 22 ; 24	3	6
	b	✓ ✓ ✓ 22 ; 21 ; 20 ; 19 ; 18 ; 17	3	
4		✓ ✓ 5 (5+5+5+5+5=20)	2	
5	a	20	1	2
	b	10	1	
6	a	9	1	4
	b	19	1	
	c	10	1	
	d	18	1	
7	a	thirteen	1	3
	b	twenty	1	
	c	twenty-three	1	

QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
8	a	22 → twenty-two	1	4
	b	18 → eighteen	1	
	c	8 → eight	1	
	d	12 → twelve	1	
9	a	21	1	4
	b	9	1	
	c	13	1	
	d	7	1	
10	a	20	1	2
	b	24	1	
11	a	is greater than	1	3
	b	is equal to	1	
	c	is smaller than	1	
12	a	6 7 9 13 25	1	3
	b	6 8 12 17 19	1	
	c	12 18 20 22 24	1	
13	a	23 18 15 11 10	1	3
	b	25 20 15 10 5	1	
	c	21 18 15 13 12	1	
14	a	20 or 2 tens	1	2
	b	8 or 8 units	1	
15	a	2 tens or 20	1	3
	b	4 units/ones	1	
	c	19	1	
16	a	20	1	2
	b	7	1	
17	a	10 + 3	1	3
	b	20 + 5	1	
	c	0 + 5	1	
18	a	14 , 15 , 16 , 17 , 18	1	3
	b	$6 + 5 = 5 + 1 + 5 = 10 + 1 = 11$	1	

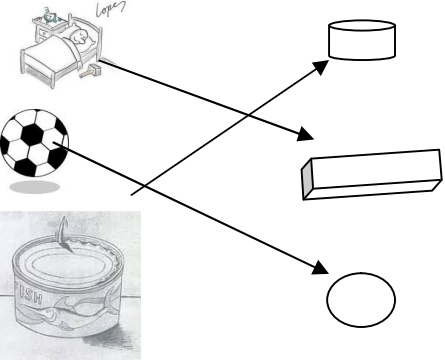
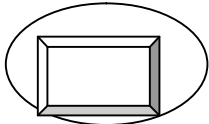
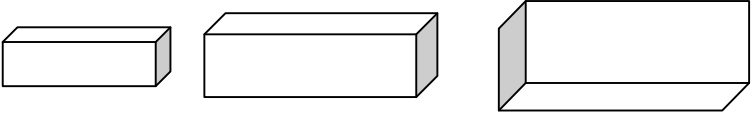
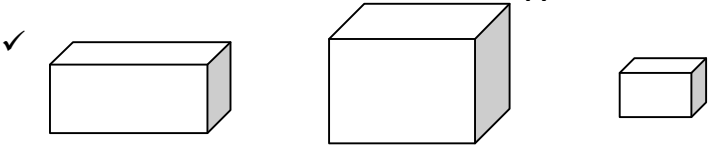

QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
	c	$8 + 2 + 5 = 10 + 5 = 15$ or $5 + 3 + 7 = 5 + 10 = 15$	1	
19	a	8	1	3
	b	18	1	
	c	20	1	
20	a	$6 + 6 = 12$	1	2
	b	$8 + 8 = 16$	1	
21	a	19	1	4
	b	20	1	
	c	7	1	
	d	6	1	
<u>Problem Solving</u>				
QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
1	a	$7 (18-11=7)$	1	3
	b	$7 (14-7=7)$	1	
	c	$24 (19+5=4)$	1	
2	a	Each gets 6 ($6 + 6 = 12$)	1	6
	b	✓ ✓ ✓ 5 , 5 and 1 will remain	3	
	c	16 ($4 + 4 + 4 + 4 = 16$)	1	
	d	20 ($5 + 5 + 5 + 5 = 20$)	1	

CALCULATIONS INVOLVING MONEY

QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
1	a	10 c	1	7
	b	R 20	1	
	c	30 c	1	
	d	R 15	1	
	e	✓ ✓ ✓ 10 c , 5 c , R 1	3	
2	a	50 c	1	4
	b	50 c	1	
	c	10 c	1	
	d	R 12 (R 2 + R 2 + R 2 + R 2 + R 2 + R 2=R12)	1	
<u>PATTERNS, FUNCTIONS AND ALGEBRA</u>				

QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
1	a	○○ △△	1	4
	b	□□□ ○○○ △△△	1	
	c	○△□ ○△□	1	
	d	□□□□ ○○○○ △△△△	1	
2	a	✓ ✓ ✓ 10 15 25	3	6
	b	✓ ✓ ✓ 6 10 12	3	
3	a	✓ ✓ 5 ; 0	2	4
	b	✓ ✓ 12 ; 10	2	

SPACE AND SHAPES



















QUESTIONS	EXPECTED ANSWERS	MARKS	TOTAL
1		1 1 1	3
2		1	1
3	<p>a</p> <p>✓</p> <p>X</p> 	1	3
	<p>b</p> <p>✓</p> 	1	
	<p>c</p> <p>X</p> 	1	
4	a 6	1	3
	b 4	1	
	c roll	1	

MEASUREMENT

QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
1	a	7	1	10
	b	✓ ✓ ✓ Monday, Tuesday, Wednesday ✓ ✓ Thursday, Friday	5	
	c	✓ ✓ Tuesday, Thursday	2	
	d	✓ ✓ Wednesday, Friday	2	
2	a	3	1	2
	b	3	1	
3		✓ ✓ ✓ a. 12 o' clock b. six o' clock c. half past 10	3	3
4		8 hours	1	1
5	a	B	1	8
	b	D	1	
	c	D	1	
	d	B C and D	3	
	e	B A C D	1	
	f	D C A B	1	
DATA HANDLING				
QUESTIONS		EXPECTED ANSWERS	MARKS	TOTAL
1	a	6	1	4
	b	4	1	
	c	5	1	
	d	3	1	
2		Pictograph on next page	4	7
	a	Sport	1	
	b	News	1	
	c	3	1	

Question 2 Pictograph

FAVOURITE TV PROGRAMME

Number of boys					
		✓	✓	✓	✓
					
					
					
					
					
					
		Sport	Drama	Religion	News
	TV PROGRAMME				