



**basic education**

Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

# **ANNUAL NATIONAL ASSESSMENT**

## **GRADE 2**

### **MATHEMATICS**

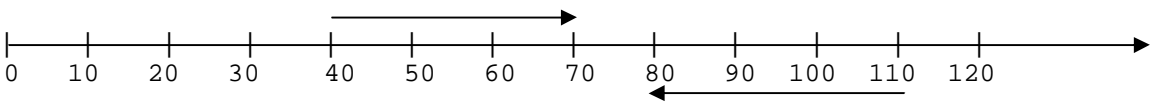
#### **SET 3: 2012 EXEMPLAR**

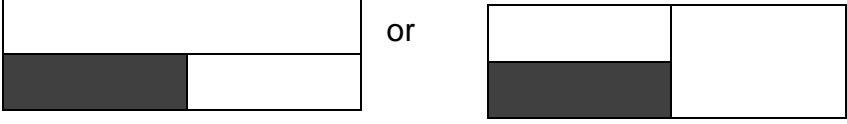
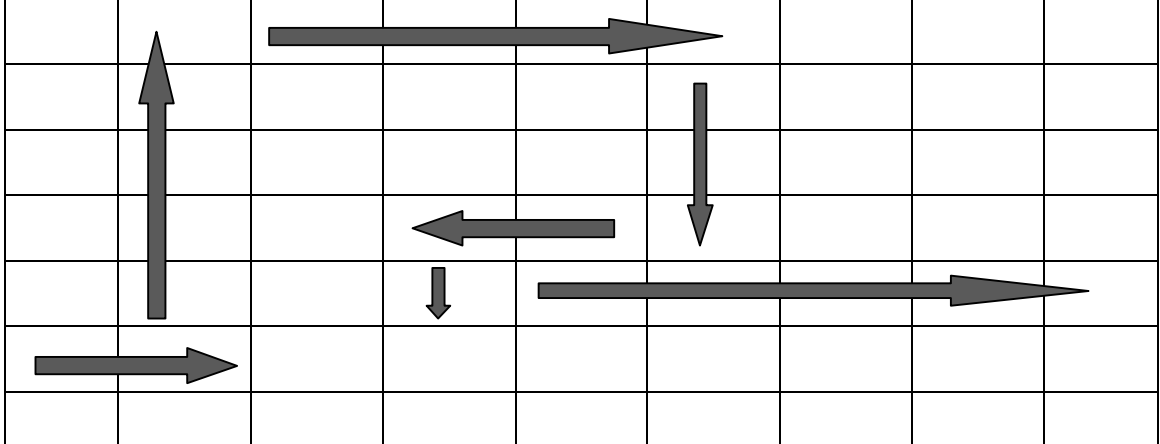
#### **MEMORANDUM**

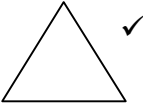
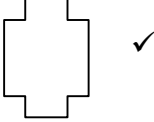
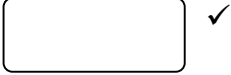
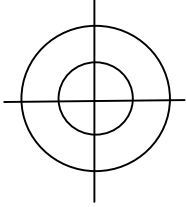
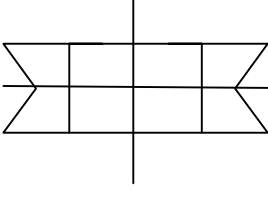
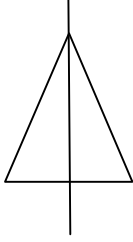
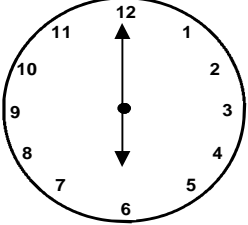
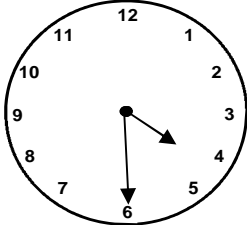


**ANNUAL NATIONAL ASSESSEMENT  
GRADE 2 MATHEMATICS  
SET 3 EXEMPLAR MEMORANDUM**

<b>QUESTION NUMBER</b>	<b>EXPECTED ANSWER</b>	<b>MARK(S)</b>
1.	(a) 149 (b) 29 (c) 14 (d) 74 (e) 49 (f) 37	1 1 1 1 1 1
2.	(a) 164 166 172 (b) 158 161 167	1 1
3	(a) 160 140 120 (b) 115 125 135	1 1
4.	(a) 108 (b) 111 (c) 166	1 1 1
5.	(a) forty-four (b) sixty-eight (c) twenty-seven (d) seventy-three (e) fifty-nine	1 1 1 1 1
6.	(a) 49 — eighteen (b) 55 — seventy-four (c) 33 — sixty-three (d) 74 — fifty-five (e) 18 — forty-nine (f) 63 — thirty-three	1 1 1 1 1 1

7.	(a) 12 (b) 33 (c) 46 (d) 23 (e) 37	1 1 1
8.	(a) 43, 38, 25, 17, 10 (b) 75, 57, 55, 53, 35 (c) 73, 68, 63, 40, 25	1 1 1
9.	(a) 11, 33, 55, 66 (b) 35, 47, 53, 74 (c) 16, 24, 42, 61	1 1 1
10.	(a) 70 (b) 3	1 1
11.	(a) $28 + 29 = 28 + 28 + 1$ $= 56 + 1$ $= 57$ (b) $36 + 37 = 36 + 36 + 1$ $= 72 + 1$ $= 73$	1 1 1 1
12.	(a) $41 + 33 = 40 + 1 + 30 + 3$ $= 56 + 1$ $= 57$ (b) $36 + 37 = 36 + 36 + 1$ $= 72 + 1$ $= 73$ (c) $86 - 42 = 80 + 6 - 40 - 2$ $= 80 - 40 + 6 - 2$ $= 40 + 4$ $= 44$	1 1 1
13.	(a) 62 (b) 58 (c) 81	1 1 1
14.	(a) 38 (b) 52 (c) 74	1 1 1
15.	 (a) 70 (b) 80	1 1
16.	(a) $94 - 30 = 64$ (b) $52 + 20 = 72$ (c) 37 (d) $18 + 18 + 18 + 18 = 40 + 16 + 16 = 72$	1 1 1 1

17.	(a) 10 (b) 50 (c) 6 because $54 - 9 - 9 - 9 - 9 - 9 - 9 = 0$ (d) R12 because $96 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 - 8 = 0$ (e) $34 + 34$ girls = 68 girls	1 1 1 1 1
18.		1 1 1 1
19.	(a) R75 (b) R14 (c) R7	1 1 1
20.	C	1
21.	R3	1
22.	D	1
23.	(a) <b>112; 102</b> (b) <b>170; 165; 160; 155</b> (c) <b>100; 102; 104; 106</b> (d) <b>92; 96; 100</b> (e) <b>102; 105; 108; 111; 114</b>	1 1 1 1 1
24.	(a) 11 (b) 71 and 26 (c) 26 (d) 11	
25.		

26.	<p>a.   </p> <p>b.   </p> <p>any 1 of 2                  any 1 of 2                  only 1</p>	
27.	(a) 10 o'clock (b) 3 o'clock (c) Half past 3	1 1 1
28.	 	1 1 1
29.	2h 30min or 150min	1
30.	(a) 5h (b) 7h (c) 5h (d) 6 and a half hours	1 1 1 1
31.	(a) Thursday (b) 21 June (c) January (d) May (e) February	1 1 1 1
32.	(a) D (b) A (c) B and C	1 1 1
33.	A	1
34.	B	1
35.	(a) Potatoes (b) Cabbage (c) 5 (d) 17	1 1 1 1