




MARKS: 40

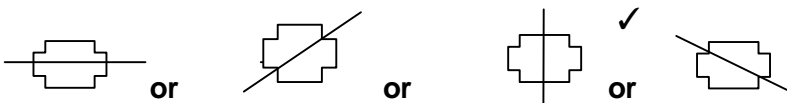
This memorandum consists of 4 pages.



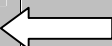








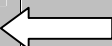








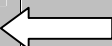







General marking notes:

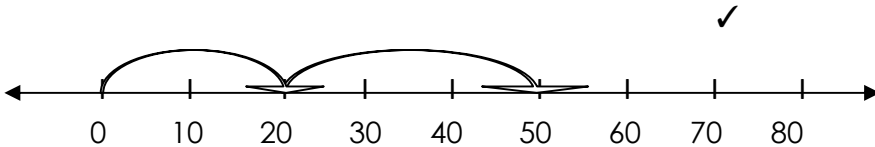
1. Give full marks for answers only, unless otherwise stated.
2. Accept any alternative correct method that is not included in the memorandum except the 'vertical column' method, unless otherwise stated.

QUESTION	EXPECTED ANSWER(S)	MARK(S)	TOTAL
1.	D/127, 172, 217, 712 ✓	1	6
2.	B/400 + 80 + 9 ✓	1	
3.	C/78 ✓	1	
4.	C/640 ✓	1	
5.	D/ quarter to ten in the morning. ✓	1	
6.	B/1 half, 1 third, 1 quarter, 1 fifth ✓	1	
7.1	Cylinder ✓	1 Accept the correct answer in any official language. Do not penalise for incorrect spelling.	2
7.2	Square ✓		
8.	 1 mark for the correct sequence. Accept if the pattern is repeated more than once.	1	1
9.1	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $795 - 213$ $= 700 + 90 + 5 - 200 - 10 - 3$ $= 700 - 200 + 90 - 10 + 5 - 3 \quad \checkmark$ $= 500 + 80 + 2$ $= 582 \quad \checkmark$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> $5 - 3 = 2$ $90 - 10 = 80 \quad \checkmark$ $\underline{700} - 200 = 500$ $795 - 213 = 582 \quad \checkmark$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px;"> $\checkmark \quad 795 - 200 \rightarrow 595 - 10 \rightarrow 585 - 3 \rightarrow 582 \quad \checkmark$ </div>	2	

9.2	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $584 + 100 \rightarrow 684 + 30 \rightarrow 714 + 7 \rightarrow 721 \checkmark$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> $4 + 7 = 11$ $80 + 30 = 110$ $\underline{500 + 100 = 600} \quad \checkmark$ $584 + 137 = 721 \quad \checkmark$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px;"> $584 + 137$ $= 500 + 100 + 80 + 30 + 4 + 7 \quad \checkmark$ $= 600 + 110 + 11$ $= 721 \quad \checkmark$ </div>	2	4
1 mark for any 'breaking down' method and 1 mark for the answer.			

10.1	684; 784; 884; 984 ✓ (1 mark for the correct sequence.)	1	2
10.2	300; 280; 260 ✓ (1 mark for the correct sequence.)	1	
11.	Four hundred and sixty-eight ✓ Accept the correct answer in any official language. Do not penalise for incorrect spelling.	1	1
12.	360 ✓	1	1
13.	700/seven hundred/7H/7 hundred ✓ Accept the correct answer in any official language. Do not penalise for incorrect spelling.	1	1
14.	6/six ✓	1	1
15.	325 ✓	1	1
16.	 <p>A dotted or solid line is acceptable as long as the line indicates symmetry.</p>	1	1
17.	4 ✓	1	1
18.1	grams ✓	1	2
18.2	litres ✓	1	

19.	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Total number = 37 + 37 + 37 ✓ = 30+30+30+7+7+7 = 90 + 21 = 111 ✓</p> </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px;"> <p>Total = 3 x 37 ✓ = 3 x (30 + 7) = 90 + 21 = 111 ✓</p> </div> <p>1 mark for the method and 1 mark for the answer.</p>	2	2																														
20.	<p>Number of children = $36 \div 5$ = $(30 + 5 + 1) \div 5$ = 6 + 1 + remainder 1 = 7 ✓ remainder 1 ✓</p> <p>Number of children = 7 and 1 chocolate left.</p> <p>1 mark for the number of children and 1 mark for the rest/left-over. Also accept correct relevant illustrations.</p>	2	2																														
21.	<div style="text-align: center;">  </div> <p>Accept if crossed, circled or underlined.</p>	1	1																														
22.1	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"></td> <td style="width: 15%; text-align: center;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"></td> <td style="width: 15%;"></td> </tr> <tr> <td></td> <td style="text-align: center;"></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td></td> <td style="text-align: center;"></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"></td> <td></td> </tr> </table>																															1	2
																																	
																																	
																																	
																																	
																																	
22.2	<p>13 blocks ✓ 1 mark for the correct route and 1 mark for the number of blocks.</p>	1	2																														
23.1	<p>Khanye and Pulane ✓ (1 mark for both names.)</p>	1																															

23.2	Lebo ✓	1	2
24.1	Cost = 2 × R10,00 ✓ = R20,00 ✓ or R20 1 mark for method and 1 mark for answer.	1 1	4
24.2	Change = R10,00 – R6,00 ✓ = R4,00 ✓ or R4 1 mark for method and 1 mark for answer.	1 1	
25.	 <p>Accept either long or short jumps.</p>	1	1
26.	3:45 or quarter to 4 or 15 mins to 4 or 45 mins past 3 or 03h45 ✓ (Do not penalize for incorrect spelling.)	1	1
27.	21 st 22 nd 23 rd 24 th or 21 22 23 24 ✓ 1 mark for the correct sequence.	1	1
TOTAL: 40			