

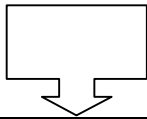


MARKS: 50

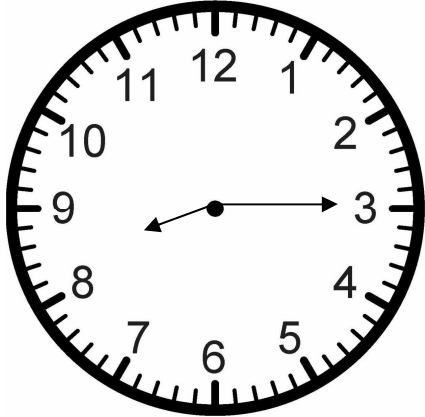
This memorandum consist of 5 pages.

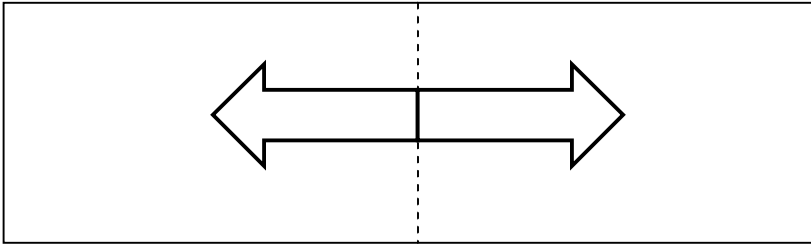
Important information:

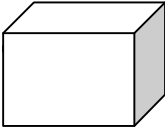
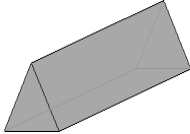
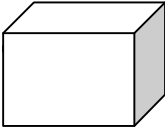
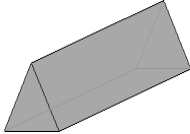
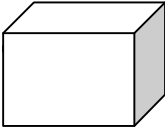
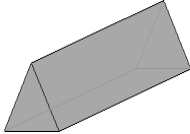
1. Give full marks for answers only, unless otherwise stated.
2. Accept any alternative correct solution that is not included in the memorandum.
3. CA refers to consistent accuracy. See clarification in 6.1.

Question		Expected Answer	Clarification	Mark allocation	Total
1.	1.1	C✓		1	6
	1.2	D✓		1	
	1.3	B✓		1	
	1.4	C✓		1	
	1.5	C✓		1	
	1.6	B✓		1	
2.		3 ✓		1	1
3.	3.1	4 975 5025 ✓	Give full marks if both answers are correct.	1	2
	3.2	 ✓		1	
4.	4.1	$\frac{5}{5}$ or 1 ✓		1	2
	4.2	32 ✓		1	
5.	5.1	Amount = R1,95 - R1,20 = R0,75 or 75c ✓	Give full marks if a correct answer is provided.	1	2
	5.2	Total amount = 10 × 75c = 750c or R7,50 ✓		1	

Question	Expected Answer	Clarification	Mark allocation	Total
6. 6.1	$3\ 456 + 2\ 909$ $= 3\ 000 + 400 + 50 + 6 + 2\ 000 + 900 + 9$ $= 3\ 000 + 2\ 000 + 400 + 900 + 50 + 6 + 9$ $= 5\ 000 + 1\ 300 + 50 + 15$ $= 6\ 365 \checkmark$ <p style="text-align: center;"><u>or</u></p> $6 + 9 = 15$ $\text{and } 50 + 0 = 50$ $\text{and } 400 + 900 = 1\ 300$ $\text{and } 3\ 000 + 2\ 000 = 5\ 000 \checkmark$ $\text{means } 3\ 450 + 2\ 900 = 6\ 365 \checkmark$ <p style="text-align: center;"><u>or</u></p> $3\ 456 + 2\ 000 \xrightarrow{\checkmark} 5\ 456 + 900 \xrightarrow{\checkmark} 6\ 356 + 9 \xrightarrow{\checkmark} 6\ 365$	Method : 1 mark Answer : 1 mark Apply CA	2	
6.2	$13 - 4 = 9$ $\text{and } 20 - 0 = 20$ $\text{and } 400 - 100 = 300$ $\text{and } 5\ 000 - 2\ 000 = 3\ 000$ $\text{means } 5\ 433 - 2\ 104 = 3\ 329 \checkmark$ <p style="text-align: center;"><u>or</u></p> $5\ 433 - 2\ 104$ $= 5\ 000 - 400 - 30 - 3 - 2\ 000 - 100 - 4$ $= 5\ 000 - 2\ 000 - 400 - 100 - 20 - 13 - 4$ $= 3\ 000 - 300 - 20 - 9$ $= 3\ 329 \checkmark$ <p style="text-align: center;"><u>or</u></p> $5\ 433 - 2\ 000 \xrightarrow{\checkmark} 3\ 433 - 100 \xrightarrow{\checkmark} 3\ 333 - 4 \xrightarrow{\checkmark} 3\ 329$	Method : 2 marks Answer : 1 mark Apply CA	3	
6.3	$78 \times 42 = 78 \times 7 \times 6 \checkmark$ $= 546 \times 6 \checkmark$ $= 3\ 276 \checkmark$ <p style="text-align: center;"><u>or</u></p> $78 \times 42 = 78 \times (40 + 2)$ $= (78 \times 40) + (78 \times 2) \checkmark$ $= 3\ 120 + 156 \checkmark$ $= 3\ 276 \checkmark$ <p style="text-align: center;"><u>or</u></p> $78 \times 42 = 78 \times 6 \times 7 \checkmark$ $= 468 \times 7 \checkmark$ $= 3\ 276 \checkmark$ <p style="text-align: center;"><u>or</u></p> $42 \times (70 + 8)$ $= (42 \times 70) + (42 \times 8) \checkmark$ $= 2\ 940 + 336 \checkmark$ $= 3\ 276 \checkmark$	Method : 2 marks Answer : 1 mark Apply CA	3	

Question	Expected Answer	Clarification	Mark allocation	Total
6.4	$654 \div 6 = (600 + 54) \div 6 \quad \checkmark$ $= (600 \div 6) + (54 \div 6) \quad \checkmark$ $= 100 + 9$ $= 109 \quad \checkmark$ <p style="text-align: center;"><u>or</u></p> $654 \div 6 = 654 \div 2 \div 3 \quad \checkmark \quad \text{or} \quad 654 \div 6 = 654 \div 3 \div 2 \quad \checkmark$ $= 327 \div 3 \quad \checkmark \quad \quad \quad = 218 \div 2 \quad \checkmark$ $= 109 \quad \checkmark \quad \quad \quad = 109 \quad \checkmark$	Method: 2 marks Answer: 1 mark Apply CA	3	11
7.	$1\,613 - 859 = 754 \quad \checkmark$		1	1
8.		Long hand must point to 3. Short hand must point between 8 and 9.	1	1
9.	9.1 SAA 769 <u>or</u> BA 172 \checkmark	Accept one or both answers.	1	2
	9.2 SAA 372 \checkmark		1	
10.	B2 <u>or</u> 2B \checkmark	Accept one of the correct answers.	1	1

Question	Expected Answer	Clarification	Mark allocation	Total												
11.	 ✓	Reflection on right: 1 mark	1	1												
12.	12.1 1 248 cm ✓ 12.2 1 hour 20 minutes ✓	Answer : 1 mark each correct answer	1 1	2												
13.	44 ✓		1	1												
14.	2 / - 500 m/ = 2 000 m/ - 500 m/✓ = 1 500 m/ ✓	2 000 m/: 1 mark Answer : 1 mark	2	2												
15.	15.1 = ✓		1	4												
	15.2 <table border="1" data-bbox="240 1234 1096 1556"> <tr> <td colspan="4" style="text-align: center;">1</td> </tr> <tr> <td colspan="2" style="text-align: center;">$\frac{1}{2}$</td> <td colspan="2" style="text-align: center;">$\frac{1}{2}$</td> </tr> <tr> <td style="text-align: center;">$\frac{1}{4}$</td> <td style="text-align: center;">$\frac{1}{4}$</td> <td style="text-align: center;">$\frac{1}{4}$</td> <td style="text-align: center;">$\frac{1}{4}$</td> </tr> </table>	1				$\frac{1}{2}$		$\frac{1}{2}$		$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	Accept last three blocks coloured in too.	1	
1																
$\frac{1}{2}$		$\frac{1}{2}$														
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$													
	15.3 $\frac{3}{4}$ ✓		1													
	15.4 $\frac{1}{4}$ or 1 quarter ✓		1													
16.	16.1 Pentagon ✓		1													

Question		Expected Answer	Clarification	Mark allocation	Total									
	16.2	Quadrilateral ✓		1	2									
17.		<table border="1"> <thead> <tr> <th>Object</th> <th>Name of the object</th> <th>Shape of the faces</th> </tr> </thead> <tbody> <tr> <td></td> <td><u>Rectangular prism</u> ✓</td> <td>Rectangles</td> </tr> <tr> <td></td> <td>Triangular Prism</td> <td>Triangles and <u>rectangles</u> ✓</td> </tr> </tbody> </table>	Object	Name of the object	Shape of the faces		<u>Rectangular prism</u> ✓	Rectangles		Triangular Prism	Triangles and <u>rectangles</u> ✓		1	2
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		<u>Rectangular prism</u> ✓	Rectangles											
	Triangular Prism	Triangles and <u>rectangles</u> ✓												
			1											
18.	18.1	<table border="1"> <thead> <tr> <th>Kind of sport</th> <th>Tally marks</th> </tr> </thead> <tbody> <tr> <td>Golf</td> <td>II ✓</td> </tr> <tr> <td>Baseball</td> <td>IIII- II ✓</td> </tr> <tr> <td>Tennis</td> <td>IIII ✓</td> </tr> </tbody> </table>	Kind of sport	Tally marks	Golf	II ✓	Baseball	IIII- II ✓	Tennis	IIII ✓		3	5	
		Kind of sport	Tally marks											
		Golf	II ✓											
Baseball	IIII- II ✓													
Tennis	IIII ✓													
18.2	Soccer ✓		1											
18.3	5 ✓		1											
19.		5 ✓✓		2	2									
TOTAL:					50									