



MARKS: 75

This memorandum consists of 4 pages.

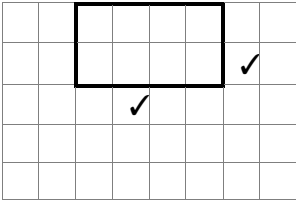
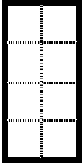

General marking note:

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 at 5.7.

QUESTION	EXPECTED ANSWER	CLARIFICATION	MARK	TOTAL
1	1.1	B / 29 ✓	1	10
	1.2	C / 9,11 ✓	1	
	1.3	D / 5,6 cm ✓	1	
	1.4	A / 6 ✓	1	
	1.5	C / 40 ✓	1	
	1.6	A / 300 000 ✓	1	
	1.7	D / 27 ✓	1	
	1.8	B / 325 ml ✓	1	
	1.9	B / $\frac{3}{8}$ ✓	1	
	1.10	B ✓	1	
2		342 650 798 ✓	All digits must be correct	1
3		31 ✓		1
4		40 000 000 ✓	The following answers are also acceptable. 40 M; forty million 4 TM 40 x 1 000 000	1
5	5.1	$\begin{array}{r} 43\ 489 \\ 345\ 987 \\ + \quad 307 \\ \hline 389\ 783 \\ \checkmark \quad \checkmark \end{array}$	All digits must be correct. Answer only, all digits correct, full marks. 783 ✓ 389 ✓ Apply CA	2
	5.2	$\begin{array}{r} 495\ 089 \\ - 85\ 847 \\ \hline 409\ 242 \\ \checkmark \quad \checkmark \end{array}$	All digits must be correct. Answer only - all digits correct, full marks. 242 ✓ 409 ✓ Apply CA	2

QUESTION	EXPECTED ANSWER	CLARIFICATION	MARK	TOTAL
5.3	$\begin{array}{r} 3\ 097 \\ \times \quad 249 \\ \hline 27\ 873 \quad \checkmark \\ 123\ 880 \quad \checkmark \\ \underline{619\ 400} \quad \checkmark \\ 771\ 153 \quad \checkmark \end{array}$	Accept any method that is mathematically correct. Apply CA.	4	
5.4	$\begin{array}{r} 109 \quad \checkmark \\ 36 \overline{)3\ 924} \\ \underline{-\ 36} \quad \checkmark \\ 324 \\ \underline{-\ 324} \quad \checkmark \\ 000 \end{array}$		3	
5.5	$4\frac{1}{8} + 3\frac{3}{8}$ $7\frac{4}{8} \quad \checkmark\checkmark \quad \text{or} \quad 7\frac{1}{2} \quad \checkmark\checkmark$	$7 \quad \checkmark$ $\frac{4}{8} \quad \checkmark$ $7\frac{1}{2}$ is also acceptable, but no extra mark is awarded for simplifying.	2	
5.6	20% of 400 $= \frac{20}{100} \quad \checkmark \times 400 \quad \text{or} \quad \frac{1}{5} \times 400 \quad \checkmark$ $= 80 \quad \checkmark \quad \quad \quad = 80 \quad \checkmark$	Answer only - all correct, full marks. Apply CA	2	
5.7	$7,83 + 5,39 - 4,86$ $= 13,22 \quad \checkmark - 4,86$ $= 8,36$ $\checkmark \quad \checkmark$	$13,57^{\text{X}} - 4,86$ $= 8,71.$ $0,71 \quad \checkmark$ $8 \quad \checkmark$ Award two marks for CA.	3	18
6	3 $\checkmark$			1
7	4 $\checkmark$			1
8	Change = R100 – (R65,81 + R18,23) $= R100 - R84,04 \quad \checkmark$ $= R15,96 \quad \checkmark$ <b>or</b> Change = R100 – R65,81 – R18,23 $= R34,19 - R18,23 \quad \checkmark$	Apply CA.		2



QUESTION		EXPECTED ANSWER	CLARIFICATION	MARK	TOTAL
21		 	length = 4 ✓ breadth = 2 ✓		2
22	22.1	4 hours ✓		1	2
	22.2	15:00 <b>or</b> 3.00 p.m. ✓	11 + 4 = 15 Apply CA	1	
23	23.1	3 000 l ✓		1	2
	23.2	0,435 m ✓		1	
24		R18, 95 x 2 = R37, 90 ✓ <b>or</b> R36,95 ÷ 2 = R 18,475 ✓ Thus, 5 kg at R36,95 is a better buy. ✓	Apply CA.		2
25		Difference = 37 °C – 28 °C = 9 °C ✓			1
26		Perimeter = 12 x 1,5 m + 6 x 1,5 m ✓ = 18 m + 9 m = 27 m ✓	3 x 1,5 m = 4,5 m } 6 x 1,5 = 9 m } ✓ 13,5 m x 2 = 27 m ✓ Apply CA.		2
27	27.1	Bike riding. ✓		1	2
	27.2	Difference in time spent = 80 h – 10 h = 70 h ✓		1	
28		25 ✓			1
29		Parallelogram ✓ Hexagon ✓	Answer must be at correct place.		2
30	30.1	32 ✓	8 x 4 = 32	1	2
	30.2		3 clouds. Any drawing with 3 clouds.	1	
				<b>TOTAL:</b>	<b>75</b>