



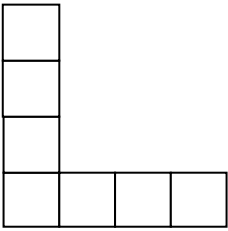
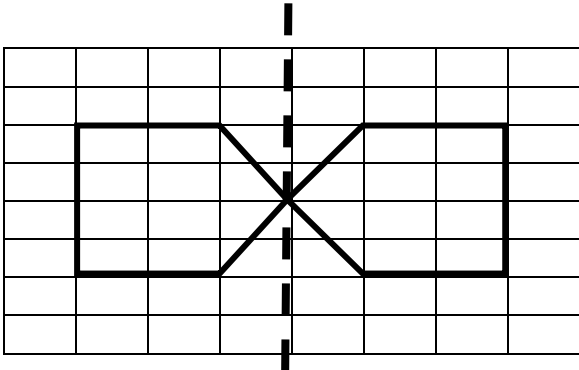
MARKS: 60

This memorandum consists of 4 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 question 7.1

Question	Expected Answer	Clarification	Mark	Total
1.	1.1 D ✓		1	9
	1.2 B ✓		1	
	1.3 C ✓		1	
	1.4 B ✓		1	
	1.5 D ✓		1	
	1.6 A ✓		1	
	1.7 C ✓		1	
	1.8 D ✓		1	
	1.9 B ✓		1	
2.	998 ✓ ; 996 ✓	1 mark for each	2	2
3.	38 ✓		1	1
4.	19 ✓	1 mark $1 \times 3 + 1 = 4$ $2 \times 3 + 1 = 7$ $3 \times 3 + 1 = 10$ $4 \times 3 + 1 = 13$ $5 \times 3 + 1 = 16$ $6 \times 3 + 1 = 19$	1	1
5.	$\frac{20}{25} = \frac{4}{5}$ ✓		1	1
6.	6.1 $\begin{array}{r} 84\ 509 \\ +33\ 095 \\ \hline 117\ 604 \\ \checkmark \quad \checkmark \\ \text{or} \\ 84\ 509 = 80\ 000 + 4\ 000 + 500 + 00 + 9 \\ +33\ 095 = 30\ 000 + 3\ 000 + 000 + 90 + 5 \checkmark \\ \text{Sum} = 110\ 000 + 7\ 000 + 500 + 90 + 14 \\ = 117\ 604 \checkmark \\ \text{or} \\ 80\ 000 + 4\ 000 + 500 + 9 + 30\ 000 + 3\ 000 + 90 + 5 \checkmark \\ = 80\ 000 + 30\ 000 + 4\ 000 + 3\ 000 + 500 + 90 + 9 + 5 \\ = 110\ 000 + 7\ 000 + 500 + 90 + 14 \\ = 117\ 604 \checkmark \end{array}$	117 604: 2 marks 604: 1 mark 117: 1 mark Apply CA	2	

7.		$4d\ 10h + 7d\ 16h = 11d\ 26h\checkmark$ $= 12d\ 2h\checkmark$ $= 1w\ 5d\ 2h\checkmark$	Answer only: 3 marks	3	3
8.				1	1
9.		Number of $km = 5 \times 2 \times 8\checkmark$ $= 80\checkmark$ or Distance $= 8 \times 5 \times 2\ km\checkmark$ $= 80\ km\checkmark$	Answer only: 2 marks	2	2
10.	10.1	Amount $= 10 \times R4\ 750\checkmark$ $= R47\ 500\checkmark$	Correct operation: 1 mark Correct calculation: 1 mark Answer only: 2 marks	1 1	4
	10.2	Amount $= R47\ 500 \div 2\checkmark$ $= R23\ 750\checkmark$ or Amount $= R4\ 750 \times 5\checkmark$ $= R23\ 750\checkmark$	Correct operation: 1 mark Correct calculation: 1 mark Answer only: 2 marks	1 1	
11	11.1.	2 063 \checkmark		1	2
	11.2	3,5 or $3\frac{1}{2}\checkmark$		1	
12.	12.1	56 \checkmark		1	2
	12.2.	100 \checkmark		1	
13.		Triangles and Rectangles $\checkmark\checkmark$ 5 faces \checkmark		1 1 1	3
14.			Correct shape: 1 mark Correct size: 1 mark	2	2
15.	15.1	is greater than \checkmark		1	2
	15.2	is smaller than \checkmark		1	

16.	16.1	6°C ✓		1	3																		
	16.2	Difference = $24^{\circ}\text{C} - 6^{\circ}\text{C}$ ✓ $= 18^{\circ}\text{C}$ ✓		1 1																			
17.	<table border="1"> <thead> <tr> <th>Shoe sizes</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>///</td> <td>3</td> </tr> <tr> <td>3</td> <td>/// /// // ✓</td> <td>12</td> </tr> <tr> <td>4</td> <td>/// //</td> <td>7</td> </tr> <tr> <td>5</td> <td>///</td> <td>3 ✓</td> </tr> <tr> <td>6</td> <td>/ ✓</td> <td>1</td> </tr> </tbody> </table>		Shoe sizes	Tally	Frequency	2	///	3	3	/// /// // ✓	12	4	/// //	7	5	///	3 ✓	6	/ ✓	1		1 1 1	6
	Shoe sizes	Tally	Frequency																				
	2	///	3																				
	3	/// /// // ✓	12																				
	4	/// //	7																				
5	///	3 ✓																					
6	/ ✓	1																					
17.1	Size 3 ✓	3 : 1 mark	1																				
17.2	3 learners ✓	3 : 1 mark	1																				
17.3	Difference = $7 - 1$ $= 6$ ✓	6 : 1 mark	1																				
18.	For 15 stars: 1 rocket made 3 stars and ✓ 3 rockets made 4 stars, ✓		1 1	2																			
TOTAL				60																			