



This memorandum consists of 8 pages.

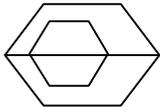
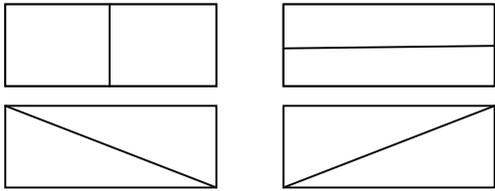
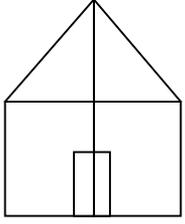
General marking notes:

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
1.1	D ✓	1	4
1.2	C ✓	1	
1.3	935, 539, 533, 335, 137 ✓	1	
1.4	24, 27, 30, 51, 64, 99 ✓	1	
2.1	C ✓	1	3
2.2	700+60 ✓	1	
2.3	B ✓	1	
3.1	C ✓	1	3
3.2	B ✓	1	
3.3	c. or 52 ✓	1	
4.1	C ✓	1	3
4.2	D ✓	1	
4.3	270 ✓	1	
5.1	D ✓	1	3
5.2	C ✓	1	
5.3	b. ✓	1	
6.1	D ✓	1	4
6.2	c ✓ b ✓ d ✓ a ✓	1 mark each	
7.1	a. Cube ✓	Do not penalise for spelling	2
	b. Triangle ✓		

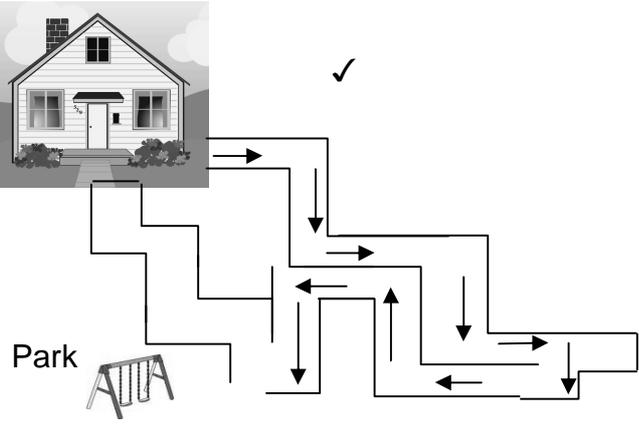
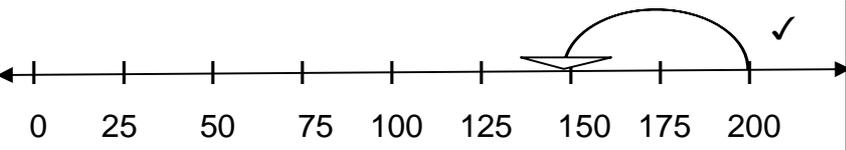
7.2			Triangle ✓	1	4
			Cube ✓	1	
			Rectangle ✓	1	
			Cylinder ✓	1	
7.3	a.	Accept any 2-D shape ✓		1	2
	b.	Accept any 3-D object ✓		1	
8.1				1	3
8.2				1	
8.3				1	
9.1a.		$689 - 237$ $= 600 + 80 + 9 - 200 + 30 + 7$ $= 600 + 80 + 9 - 200 + 30 + 7 \quad \checkmark$ $= 400 + 50 + 2$ $= 452 \quad \checkmark$ <p>or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> $9 - 7 = 2$ $80 - 30 = 50 \quad \checkmark$ $\underline{600 - 200} = 400$ $\underline{689 - 237} = 452 \quad \checkmark$ <p>or</p> </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;"> $689 - 200 \rightarrow 489 - 30 \rightarrow 459 - 7 \rightarrow 452 \quad \checkmark$ <p>1 mark for the method and 1 mark for the answer</p> </div>		2	
9.1b.		$2 + 6 = 8$ $80 + 10 = 90 \quad \checkmark$ $\underline{300 + 400} = 700$ $\underline{382 + 416} = 798 \quad \checkmark$ <p>or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;"> $382 + 400 \rightarrow 782 + 10 \rightarrow 792 + 6 \rightarrow 798 \quad \checkmark$ <p>1 mark for the method and 1 mark for the answer.</p> </div>			

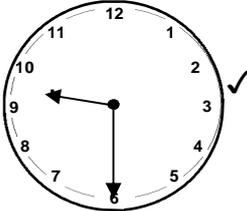
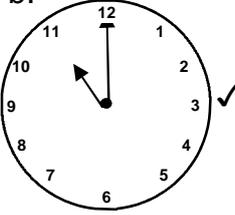
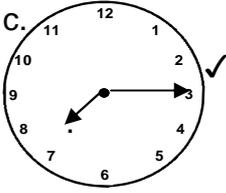
9.1c.		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> $39 \div 3$ $30 \div 3 = 10 \checkmark$ $9 \div 3 = 3$ $10 + 3 = 13 \checkmark$ </div>	2	4
		1 mark for the method and 1 mark for the answer.		
9.1d.		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> 23×2 $20 \times 2 = 40 \checkmark$ $3 \times 2 = 6$ $40 + 6 = 46 \checkmark$ </div>	2	
		1 mark for the method and 1 mark for the answer.		
10.	a.	122; 142 ; 162; 182 ; 202; 222 ; 242 . \checkmark	1	4
	b.	475; 450; 425; 400 ; 375 ; 350 ; 325 . \checkmark	1	
	c.	173; 172; 171; 170 ; 169 ; 168; 167 ; 166 . \checkmark	1	
	d.	195; 190; 185 ; 180 ; 175 ; 170 , 165. \checkmark	1	
11.1	Four hundred and sixty-eight \checkmark	1 mark each	4	
11.2	134 \rightarrow two hundred \checkmark			
	200 \rightarrow sixty-seven \checkmark			
	145 \rightarrow one hundred and thirty-four \checkmark			
	67 \rightarrow one hundred and forty-five \checkmark			
11.3	D \checkmark	1	3	
11.4	309 \checkmark	1		
11.5	C \checkmark	1		
11.6	a.	199 \checkmark	1	2
	b.	78 \checkmark	1	
12.1		700 or 7 Hundred \checkmark	1	5
12.2	a.	5 T / 5 tens \checkmark	1	
	b.	4U / 4 units \checkmark	1	

12.3	a.	600 /6 hundred/six hundred ✓	1	
	b.	9 /nine ✓	1	
13.1.		605✓	1	6
13.2	a.	189 ✓	1	
	b.	200✓	1	
	c.	73✓	1	
13.3	a.	100 + 30 + 6 ✓	1	
	b.	30 + 6✓	1	
14.1	a.	406 ; 404 ; 402 ; 400✓	1	6
	b.	132 ; 135 ; 138 ; 141✓	1	
14.2	a.	890 ; 910 ; 930 ; 950✓	1	
		Rule: Counting forwards in 20s✓	1	
	b.	396 ; 400 ; 404 ; 408✓	1	
		Rule: Counting forwards in 4s✓	1	
15.1		 <p>There is only one line of symmetry ✓</p>	1	3
15.2		 <p>Accept any of the above. ✓</p>	1	
15.3		 <p>✓</p>	1	
16.1		3 cm✓	1	4
16.2	a.	centimetres✓	1	
	b.	kilograms✓	1	
	c.	litres✓	1	

17.1	a.	kilograms✓	1	7
	b.	millilitres✓	1	
17.2	a	8✓	1	
	b	20✓	1	
	c	10✓	1	
	d	3✓	1	
17.3	5 ml; 250 ml; 500 ml; 1 l ✓		1	
18.1	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> $\begin{aligned} & \checkmark \\ \text{Number of wheels} &= 3+3+3+3+3 \\ &= 15 \checkmark \end{aligned}$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> $\begin{aligned} \text{Total} &= 3 \times 5 \checkmark \\ &= 15 \checkmark \end{aligned}$ </div> <p>1 mark for any relevant method and 1 mark for the answer.</p>		2	2
18.2	<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> $\begin{aligned} (45 + 40) \div 4 & \checkmark \\ &= 85 \div 4 \\ &= (40 + 40 + 5) \div 4 \\ &= 10 + 10 + 1 + 1 \text{ left over} \\ &= 21 \text{ and } 1 \text{ left over } \checkmark \end{aligned}$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> $\begin{aligned} & 45 \div 4 + 40 \div 4 \\ &= 11 \text{ rem } 1 + 10 \checkmark \\ &= 21 \text{ rem } 1 \checkmark \end{aligned}$ </div> <p>1 mark for calculation and 1 mark for the answer.</p>		2	2

18.3	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> $99 \div 3 = 33 \checkmark$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> $90 \div 3 = 30$ $9 \div 3 = 3 \checkmark$ $30 + 3 = 33 \checkmark$ </div> <p>1 mark for calculation and 1 mark for the answer.</p>	2	2				
18.4	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> $138 - 22$ $= 100 + 30 + 8 - 20 - 2$ $= 100 + 30 - 20 + 8 - 2 \checkmark$ $= 100 + 10 + 6$ $= 116 \checkmark$ </div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> \checkmark $138 - 20 \rightarrow 118 - 2 \rightarrow 116 \checkmark$ </div> <p>1 mark for the calculation and 1 mark for the answer.</p>	2	2				
19.1	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 20px; height: 40px;"></td> <td style="width: 20px; height: 40px;"></td> </tr> </table> \checkmark </div>			1	2		
19.2	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 40px; height: 20px;"></td> <td style="width: 40px; height: 20px;"></td> </tr> <tr> <td style="width: 40px; height: 20px;"></td> <td style="width: 40px; height: 20px;"></td> </tr> </table> \checkmark </div>					1	

20.1	Sipho's Home		1	2
				
20.2	3 ✓		1	
21.1	a.	taxi ✓	1	6
	b.	$100 - 60 = 40$ ✓	1	
21.2	a.	Jane ✓	1	
	b.	15 cm ✓	1	
	c.	Themba and Lea ✓	1	
	d.	330 cm ✓	1	
22.1	a.	Pencil, book, ball ✓	1	10
	b.	$R50 - R15 = R35$ ✓	1	
	c.	$R32 - R15 = R17$ ✓	1	
22.2.	a.	$R15,50 + R15,50 = R31,00$ or $R15,50 \times 2 = R31,00$ ✓ $R31,00 + R9,95 = R40,95$ ✓	2	
	b.	$R50,00 - R40,95 = R9,05$ ✓	1	
	c.	$R10,00 + R25,00 = R35,00$ ✓ $R60,00 - R35,00 = R25,00$ ✓	2	
22.3	a.	995c ✓	1	
	b.	R15,50 ✓	1	
23.1	$50 + 50 + 75 = 175$ ✓		1	2
23.2			1	
24.1	Quarter past 2/two ✓		1	

24.2	30 minutes /half an hour✓	1	5												
24.3	<p>a. </p> <p>b. </p> <p>c. </p>	1 mark each													
25.1	<p>13th 14th 15th ✓</p> <p>22nd 24th 25th ✓</p>	2													
25.2	21 st 22 nd 23 rd 24 th 26 th 27 th 28 th ✓	1													
25.3	<table border="0"> <tr> <td>1st</td> <td>→</td> <td>twenty-second✓</td> </tr> <tr> <td>22nd</td> <td>→</td> <td>fourteenth✓</td> </tr> <tr> <td>23rd</td> <td>→</td> <td>first✓</td> </tr> <tr> <td>14th</td> <td>→</td> <td>twenty-third✓</td> </tr> </table>	1st	→	twenty-second✓	22nd	→	fourteenth✓	23rd	→	first✓	14th	→	twenty-third✓	4	7
1st	→	twenty-second✓													
22nd	→	fourteenth✓													
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14th	→	twenty-third✓													