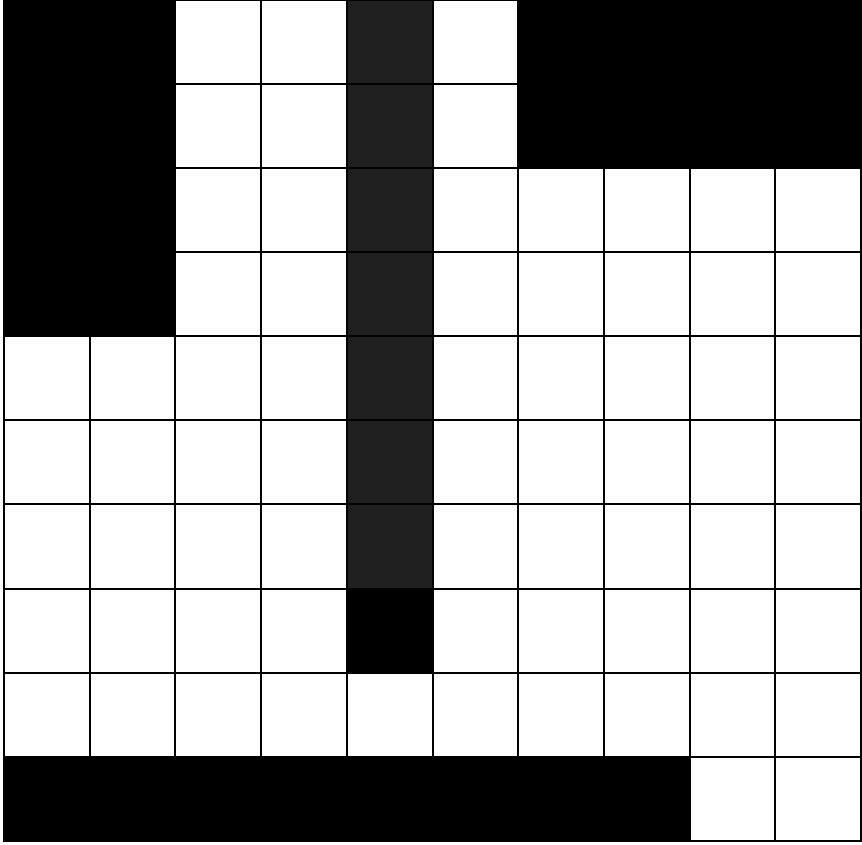
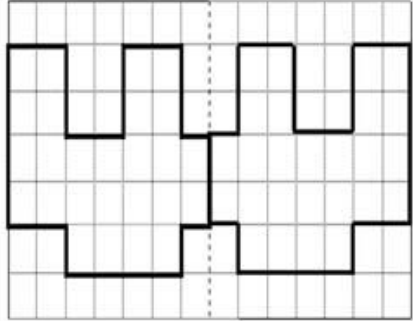
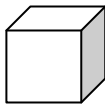
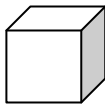
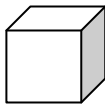
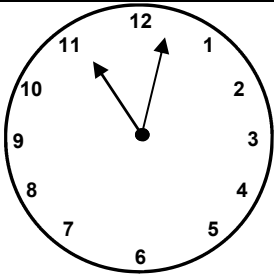

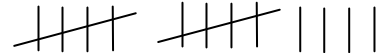

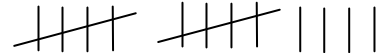

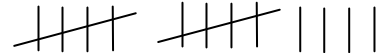



General marking note:

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

Question	Expected Answer	Marks
1.	1.1 b	1
	1.2 c	1
	1.3 c	1
	1.4 a	1
2.	15	1
3.	3.1 3 or 3 units or 3U	1
	3.2 3 000 or 3 thousand or 3Th	1
4.	1, 2, 3, 4, 6, 8, 12, 24 Note: For any four correct factors, give 1 mark. All factors must be listed for 2 marks.	2
5.	5.1 1 300	1
	5.2 2 345	1
6.	40 + 120 = 160 Note: Answer only, give full marks	2
7.	25 249 - 23 158 = 2091 Accept any alternative method of a correct response	2
8.	8.1 1000 + 400 + 70 2000 + 300 + 12 3000 + 700 + 82 = 3 782 ✓ ✓ Note: Accept any alternative method of a correct response	2
	8.2 $\begin{array}{r} 1 \quad 3 \quad 5 \quad 2 \\ - \quad 1 \quad 0 \quad 2 \quad 1 \\ \hline 3 \quad 3 \quad 1 \end{array}$ ✓ ✓ Note: Accept any alternative method of a correct response	2
	8.3 $\begin{array}{r} \\ \\ + \\ \hline \end{array}$ ✓ ✓	2
	8.4 $\begin{array}{r} 2 \quad 4 \quad 5 \quad 5 \quad 2 \quad 3 \\ - \quad 1 \quad 5 \quad 4 \quad 3 \quad 2 \quad 1 \\ \hline \end{array}$ ✓ ✓	2

9.	8.5	$463 \times 24 = 463 \times (20 + 4) = (463 \times 10 \times 2) + 463 \times 4 = 9260 + 1852 = 11112$ or $463 \times 6 \times 4 = 11112$ or $463 \times 8 \times 3 = 11112$ or $463 \times 12 \times 2 = 11112$	3
	8.6	$6160 \div 35 = 6160 \div 7 \div 5 = 880 \div 5 = 176$	2
	8.7	$18\frac{3}{4}$ or $\frac{75}{4}$ or $7\frac{1}{2} + 10\frac{1}{2} + \frac{3}{4} = 17 + \left(\frac{1}{2} + \frac{1}{2} + \frac{3}{4}\right) = 17 + 1 + \frac{3}{4} = 18\frac{3}{4}$ or $7\frac{1}{2} + 10\frac{1}{2} + \frac{3}{4} = \frac{15}{2} + \frac{21}{2} + \frac{3}{4} = \frac{30 + 42 + 3}{4} = \frac{75}{4} = 18\frac{3}{4}$	3
	8.8	$117 + 15 \div 5 = 117 + 3 = 120$	3
9.		 <p>Note: Accept any 4 by 2 or 8 by 1 shape in any position on the grid.</p>	2

10.		Note: No partial marks should be awarded in this question	2										
11.	10 (4 single Δ's + 3 double Δ's + 2 treble Δ's + 1 quadruple Δ's) Note: for indicating an answer from 4 to 9, give one mark.			2									
12.	<table><tr><td>Cube</td><td>Number of faces</td><td>Shape of shaded face</td></tr><tr><td></td><td>6 ✓</td><td>Square ✓</td></tr></table>	Cube	Number of faces	Shape of shaded face		6 ✓	Square ✓			2			
Cube	Number of faces	Shape of shaded face											
	6 ✓	Square ✓											
13.		Note: Hour hand drawn between 11 and 12 and the minute hand between 12 and 1. ✓ The minute hand must be longer than the hour hand. ✓		2									
14.	14.1	2 litres = 2 x 1000 ml ✓ = 2000 ml ✓ Note: Answer only, give full marks		2									
	14.2	Number of cups = 2000 ml ✓ ÷ 250 ml ✓ = 8 cups ✓ Note: Answer only, give full marks		3									
15.	<table><tr><td>LEARNERS</td><td>TALLIES</td><td>Total</td></tr><tr><td>GIRLS</td><td></td><td>23</td></tr><tr><td>BOYS</td><td></td><td>14</td></tr></table>			LEARNERS	TALLIES	Total	GIRLS		23	BOYS		14	2
LEARNERS	TALLIES	Total											
GIRLS		23											
BOYS		14											
16.	1			1									
17.	17.1	4:3 or 		1									
	17.2	b or red		1									
18.	18.1	Position (a) B1 or 1B		1									
		Position (b) H6 or 6H		1									
	18.2	J9 or 9J		1									
19.	19.1	7		1									
	19.2	Yellow		1									
	19.3	Red		1									
Total				60									