

TOM NEWBY SCHOOL
MATHEMATICS GRADE 5
TERM 4 FORMAL ASSESSMENT

MEMORANDUM

QUESTION	ANSWER										MARK	LEVEL
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10		
1. Multiple choice [10]	C ✓	B ✓	A ✓	D ✓	C ✓	B ✓	D ✓	A ✓	D ✓	C ✓	10	1
2. Basic Calculations [13]	2.1 $\begin{array}{r} 39\ 674 \\ + 40\ 958 \\ \hline 80\ 632 \end{array}$ ✓ ✓										2	2
	2.2 $\begin{array}{r} 72\ 102 \\ - 18\ 653 \\ \hline 53\ 449 \end{array}$ ✓ ✓										2	2
	2.3 $\begin{array}{r} 467 \\ \times 35 \\ \hline 2\ 335 \\ + 14\ 010 \\ \hline 16\ 345 \end{array}$ ✓ ✓ ✓										3	3
	2.4 $\begin{array}{r} \underline{034} \\ 17\ 578 \\ - 51 \\ \hline 68 \\ - 68 \\ \hline 0 \end{array}$ ✓ ✓ ✓										3	3
	2.5 $\begin{aligned} 6\frac{2}{6} - 3\frac{5}{6} \\ = \frac{38}{6} - \frac{23}{6} \\ = \frac{15}{6} \\ = 2\frac{3}{6} \text{ OR } 2\frac{1}{2} \end{aligned}$ ✓ ✓										3	3
3. Common Fractions [4]	3.1 a) $\frac{5}{9}$ ✓ b) $\frac{9}{9} = 1$ ✓										2	1

	3.2 Transport: $\frac{6}{8}$ of 48 friends $= (48 \div 8) \times 6$ ✓ $= 6 \times 6$ $= 36$ friends ✓	2	3
4. Perimeter, Area and Volume [4]	4.1 a) pentagon ✓ b) Perimeter = $4 + 5 + 6 + 5 + 6$ $= 26$ m ✓ 4.2 Area = 10 squares ✓ 4.3 Volume = 16 cubes ✓	1 1 1 1	1 2 1 1
5. Time [5]	5.1 a) 3:50 p.m ✓ b) 15:50 ✓ 5.2 $14:25 \rightarrow 15:00$ 35 min $15:00 \rightarrow 15:20$ +20 min <u>55min</u> ✓ 5.3 $80 \times 60 = \underline{\quad}$ ✓ 4 800 beats per hour ✓	1 1 1 2 2	1 2 2 4 4
6. Length [4]	6.1 a) 7 km 19 m ✓ b) 7 km ✓ 6.2 $8,4 - 4,8$ ✓ 8,4 - <u>4,8</u> <u>3,6</u> The ladder needs to be 3,6 m longer. ✓	2 2	2 4
7. 2-D Shapes and 3-D Objects [6]	7.1 a) Hexagonal Pyramid ✓ b) 7 ✓ c) Triangles, Hexagon ✓ 7.2 Reflection ✓ 7.3 Bigger than 90° OR bigger than a right angle ✓	3 1 1	2 1 1

	7.4 Different: The rectangle has two pairs of opposite sides equal. The square has four equal sides. ✓	1	1
8. Capacity [4]	8.1 a) 1L 750mL ✓ b) 0L 250mL ✓	1 1	3 3
	8.2 $300 + 400 + 750 + 900 = \underline{\hspace{2cm}}$ ✓ The art teacher used 2 350mL or 2L 350mL of paint. ✓	2	4

TOTAL: 50

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