



TOM NEWBY SCHOOL
GRADE 7 MATHS JUNE 2022
MEMORANDUM



QUESTION	ANSWER	MARK	LEVEL
1 Multiple Choice(10)	1.1 B ✓ 1.2 A ✓ 1.3 A ✓ 1.4 B ✓ 1.5 D ✓ 1.6 B ✓ 1.7 B ✓ 1.8 D ✓ 1.9 B ✓ 1.10 B ✓	1 1 1 1 1 1 1 1 1 1	1
2 Mental Maths (7)	2.1 c 67 ✓ 2.2 c 29 ✓ 2.3 b 5,875 ✓ 2.4 c 350 ✓ 2.5 d $2 \times 2 \times 5 \times 5$ ✓ 2.6 a $\frac{18}{19}$ ✓ 2.7 d $6\frac{7}{20}$ ✓	1 1 1 1 1 1 1	1
3 Calculate the Following: (13)	3.1 a) 0 ✓ b) - 66 ✓ c) 4 ✓ d) - 17 ✓ e) 42 ✓ 3.2 a) $(144 - 27) / 9$ ✓ = $171 / 9$ ✓ = 19 ✓ 3.2 b) $36 + 5 - 6$ ✓ = 35 ✓ 3.3a) 9 ✓ b) undefined ✓ c) 1987 ✓	1 1 1 1 1 3 2 3	2

<p>Question 4 Calculate the following fractions (7)</p>	<p>4.1 $1\frac{14}{18} - \frac{9}{8}$ ✓ $= 1\frac{5}{18}$ ✓</p> <p>4.2 $\frac{11}{6} \times \frac{15}{4}$ $= \frac{165}{24}$ ✓ $= 6\frac{2}{24}$ $= 6\frac{7}{8}$ ✓</p> <p>4.3 $\frac{17}{3} + \frac{8}{5} \times \frac{4}{3}$ $= \frac{17}{3} + \frac{32}{15}$ $= \frac{85}{15} + \frac{32}{15}$ $= \frac{117}{15}$ ✓ $= 7\frac{12}{15}$ ✓ $= 7\frac{4}{5}$ ✓</p>	<p>2</p> <p>2</p> <p>3</p> <p>3</p>	<p>3</p>
<p>Q5 Calculate the following decimals(8)</p>	<p>5.1 $\begin{array}{r} 235,130 \\ - 147,348 \\ 87,782 \\ + \underline{79,86} \text{ ✓} \\ \hline 167,642 \text{ ✓} \end{array}$</p> <p>5.2 $\begin{array}{r} 4,26 \\ \times 7,3 \\ \hline 1278 \text{ ✓} \\ + 29820 \text{ ✓} \\ \hline 31,098 \text{ ✓} \end{array}$</p> <p>5.3 $\begin{array}{r} 7,8 \times 10 \\ 1,2 \\ \hline 6,5 \text{ ✓} \\ 12 \overline{)780} \\ \underline{-72} \\ 60 \text{ ✓} \\ \underline{-60} \\ 0 \text{ ✓} \end{array}$</p>	<p>2</p> <p>3</p> <p>3</p>	<p>3</p>

Question 6 - Functions and relationships (5)	6.1 17 ✓	1	3
	6.2 $3n + 2$ ✓	1	
	6.3 152 ✓	1	
	6.4 32 ✓ ✓	2	

TOTAL: 50

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