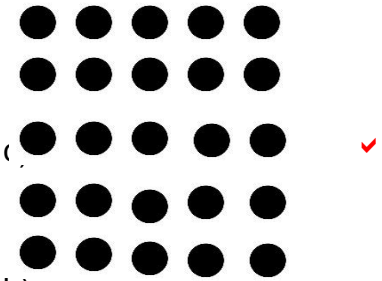




TOM NEWBY SCHOOL
GRADE 5 MATHS JUNE 2021
MEMORANDUM



QUESTION	ANSWER	MARK	LEVEL
1 Multiple Choice(5)	1.1 (B) ✓ 38 094	1	1
	1.2 (A) ✓ $75 - 19 = 19 - 75$	1	
	1.3 (D) ✓ three hundred and sixty	1	
	1.4 (C) ✓ 3 681 ; 3 683 ; 3 685 ; 3 687	1	
	1.5 (A) ✓ 14 770	1	
2 (5)	2.1 91 000 ✓	1	1
	2.2 11 ✓	1	
	2.3 69 800 ✓	1	
	2.4 False ✓	1	
	2.5 64 ✓	1	
3 (14)	3.1 $\begin{array}{r} 45\ 678 \\ +29\ 845 \\ \hline 75\ 523 \\ \checkmark \quad \checkmark \end{array}$	2	2
	3.2 $\begin{array}{r} 53\ 206 \\ -\ 9\ 748 \\ \hline 43\ 458 \\ \checkmark \quad \checkmark \end{array}$	2	
	3.3 $\begin{array}{r} 81\ 005 \\ -49\ 327 \\ \hline 31\ 678 \\ \checkmark \quad \checkmark \end{array}$	2	
	3.4 $\begin{array}{r} 263 \\ \times 47 \\ \hline 1\ 841 \\ +10\ 520 \\ \hline 12\ 361 \\ \checkmark \end{array}$	3	
	3.5 $\begin{array}{r} 6 \overline{)416} \\ \underline{69} \text{ rem } 2 \\ \text{Test : } (69 \times 6) + 2 = 414 + 2 \\ \quad \quad \quad = 416 \checkmark \end{array}$	3	

	$ \begin{array}{r} 3.6 \quad \underline{42} \checkmark \\ 15 \overline{) 630} \\ \underline{-60} \downarrow \\ 30 \checkmark \\ \underline{-30} \\ 00 \end{array} $	3																									
4 (10)	<p>4.1 159 ; 155 ; 151 ; <u>147</u> ✓ ; <u>143</u> ✓ ; <u>139</u> ✓</p> <p>4.2 64 759 ; 64 859 ; 64 959 ; <u>65 059</u> ✓ ; <u>65 159</u> ✓ ; <u>65 259</u> ✓</p> <p>4.3 1 600 ; 800 ; 400 ; <u>200</u> ✓ ; <u>100</u> ✓ ; <u>50</u> ✓</p> <p>a) Rule : $\div 2$ ✓ b) Input : <u>56</u> ✓</p> <p>4.3 a) Number of wheels: <u>64</u> ✓ b) Number of cars: <u>25</u> ✓</p> <table border="1"> <tr> <td>4.4</td> <td>21</td> <td>56</td> <td>14</td> <td>70</td> <td>84</td> <td>630</td> </tr> <tr> <td>$\div 7$</td> <td>3</td> <td><u>8</u> ✓</td> <td>2</td> <td>10</td> <td><u>12</u> ✓</td> <td><u>90</u> ✓</td> </tr> </table>	4.4	21	56	14	70	84	630	$\div 7$	3	<u>8</u> ✓	2	10	<u>12</u> ✓	<u>90</u> ✓	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>3</p>	3										
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$\div 7$	3	<u>8</u> ✓	2	10	<u>12</u> ✓	<u>90</u> ✓																					
5 (8)	<p>5.1a) For every pattern : <u>+ 4 matches</u> ✓</p> <p>b)</p> <table border="1"> <tr> <td>Pattern number</td> <td>1</td> <td>2</td> <td>3</td> <td>10</td> </tr> <tr> <td>Number of matches</td> <td>5</td> <td><u>9</u> ✓</td> <td><u>13</u> ✓</td> <td><u>41</u> ✓</td> </tr> </table> <p>5.2 a)</p>  <p>b)</p> <table border="1"> <tr> <td>Pattern number</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>12</td> </tr> <tr> <td>Number of dots</td> <td>1</td> <td>4</td> <td>9</td> <td><u>16</u> ✓</td> <td><u>25</u> ✓</td> <td><u>144</u> ✓</td> </tr> </table>	Pattern number	1	2	3	10	Number of matches	5	<u>9</u> ✓	<u>13</u> ✓	<u>41</u> ✓	Pattern number	1	2	3	4	5	12	Number of dots	1	4	9	<u>16</u> ✓	<u>25</u> ✓	<u>144</u> ✓	<p>1</p> <p>3</p> <p>1</p> <p>3</p>	2
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6 (8)	<p>6.1 $69 \times 24 =$ <input type="text"/> ✓</p> $\begin{array}{r} 69 \\ \times 24 \\ \hline 276 \\ + 1380 \\ \hline 1656 \end{array}$ <p>1656 hours in 69 days ✓</p> <p>6.2 $320 \div 8 =$ <input type="text"/> ✓</p> $8 \overline{) 320}$ <p>40 ✓ children travelled in each bus</p> <p>6.3 a) $2\,250 + 1\,750 =$ <input type="text"/> ✓</p> $\begin{array}{r} 2\,250 \\ + 1\,750 \\ \hline 4\,000 \end{array}$ <p>4 000m = 4km ✓ is the total distance</p> <p>b) $2\,250$ $- 1\,750$ <u>500m</u> ✓ Bongiwe walks 500m further</p>	3 2 3	3
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TOTAL: 50