

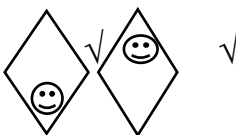


TOM NEWBY SCHOOL
TERM 2 CONTROLLED TEST MEMO
GRADE 4 MATHS

QUESTION	ANSWER	MARK	LEVEL
1.Mental Maths (10)	1.1 6 015✓ 1.2 1T✓ 1.3 4✓ 1.4 1 606✓ 1.5 6 000✓ 1.6 4 108✓ 1.7 3 804✓ 1.8 36, 45, 54, 63✓ 1.9 5 198✓ 1.10 440✓	1 mark each	1 and 2
2.Number Patterns (8)	2.1 a. 3 805 ; 4 005✓ b. 8 740 ; 8 720✓ c. 9 450 ; 9 400✓ d. 2 050 ; 2 025✓ e. 7 010 ; 7 030✓ f. 4 998 ; 5 000✓ g. 5 018 ; 5 015✓ 2.2 The rule is subtract 200✓	1 mark each	1 and 2
3. Rounding off and estimating. (5)	3.1 3.1.1 ~5 850✓ 3.1.2 ~5 900✓ 3.1.3 ~6 000✓ 3.2 570 + 310 ~ 890✓✓	3.1= 1 mark Each 3.2 = 2 marks	1 and 2

4. Calculating: $+$, $-$, $\div$, $\times$ (14)	4.1 $5\,382$ $+ \underline{2\,627}$$\checkmark$ $\underline{8\,009}$$\checkmark$ Or $(5\,000 + 2\,000) +$ $(300 + 600) +$ $(80 + 20) + (2 + 7)$ $= 7\,000 + 900 +$ $100 + 9$$\checkmark$ $= 8\,009$$\checkmark$ 4.2 $9\,080$ $- \underline{4\,155}$ $\underline{4\,925}$$\checkmark\checkmark$ OR $9000+000+80+0$ $- \underline{4000+100+50+5}$ $\underline{4000+900+20+5}$ 4.3 $20 \times 7 = 140$ $5 \times 7 = \underline{+35}$ $\underline{175}$$\checkmark\checkmark$ OR 2 5 $\times$ 1 7 1 7 1 3 4 5 7 5 = 175
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 $4 \overline{) 92}$
 $\underline{-8}$ $\checkmark$
 12
 $\underline{-12}$
 0

	4.5 45×19 $(40 + 5) \times (10 + 9)$ $40 \times 10 = 400$ $40 \times 9 = 360\checkmark$ $5 \times 10 = 50$ $5 \times 9 = +45\checkmark$ <u>856</u>$\checkmark$ OR Squares. 4.6 $357 \div 5$ $\begin{array}{r} 71 r 2\checkmark \\ 5 \overline{) 357} \\ \underline{- 35} \\ 07 \\ \underline{- 05} \\ 2 \end{array}$		
5. Flow charts (3)	$3 \times 20 = 60 \div 5 = 12\checkmark$ $5 \times 20 = 100 \div 5 = 20$ $11 \times 20 = 220 \div 5 = 44\checkmark$	1 mark each	1 and 2
6. Geometric patterns (3)	6.1 The circles increased by the next number.$\checkmark$ 6.2 	6.1 = 1 mark 6.2 = 2 marks	1 and 2
7. Problem solving (6)	7.1 $R400 \times 7 = R\checkmark$ $R400 \times 7 = R2\,800\checkmark\checkmark$ 7.2 $250g \times 6 = f\checkmark$ $250 \times 6\checkmark = 1\,500\,g\checkmark$	7.1 = 3 marks 7.2 = 3 marks	1 and 2
		Grand Total: = 50 marks $\div 2$ = 25 marks	