



**TOM NEWBY SCHOOL  
GRADE 4 MATHEMATICS  
JUNE 2021**



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<b>Subject</b>	<b>MATHEMATICS</b>	<b>Examiner</b>	<b>MRS VAN SCHALKWYK/ MRS VISSER</b>
<b>Date</b>	<b>JUNE 2021</b>	<b>Total marks</b>	<b>50</b>
<b>Session</b>	<b>1</b>	<b>Duration</b>	<b>1 HOUR</b>
<b>Grade</b>	<b>4</b>	<b>Moderator</b>	<b>MRS FOURIE</b>

This assessment has been compiled using notes and information contained in the Tom Newby School resource material. The marking memorandum has been compiled accordingly. While alternative responses will be given due acknowledgement, the official memorandum will be considered a priority document to ensure uniformity of marking.

Name:	Surname:	Class:
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**INSTRUCTIONS:**

1. Read each question carefully (twice).
2. Write all numbers neatly and clearly.
3. Show all steps to your calculations.
4. **GOOD LUCK.**



**QUESTION 1**

**MENTAL MATHS**

**Underline** the correct answer to each question. You may work out the answers on your paper first.

- 1.1 Seven thousand and fifteen is written as: ( 7 050; 7 015 ; 7 051 )
- 1.2. In the number 9 618 the place value of the 1 is ( 10 ; 1T ; 10T ).
- 1.3.  $( 80 \div 20 ) \times 50 = f \times 25$      $f = ( 8 ; 12 ; 15 )$
- 1.4. What is 500 more than 2 005? ( 2 505 ; 2 550 ; 3 005 )
- 1.5.  $60 \times 10 \times 5$  equals ( 3 000 ; 6 000 ; 9 000 )
- 1.6. Decrease 9 507 by 400 ( 9 907 ; 9 157 ; 9 107 )
- 1.7. Half of 9 406 is ( 4 203 ; 4 503 ; 4 703 )

1.8. Underline the multiples of 6 between 40 and 60 in red: ( 42 ; 46 ; 48 ; 52 ; 54 ; 56 )

1.9. The even number before 4 199 is ( 4 197 ; 4 198 ; 4 200 ).

1.10.  $( 88 \div 8 ) \times 30 = ( 33 ; 330 ; 3\ 300 )$

[10]

### QUESTION 2

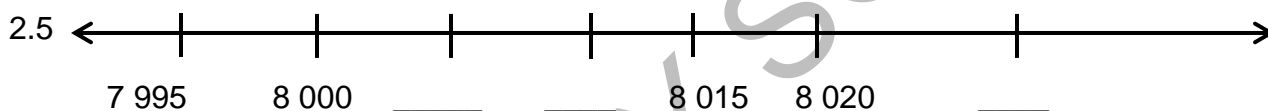
Complete the number patterns:

2.1 2 305 ; 2 505 ; 2 705 ; \_\_\_\_\_ ; \_\_\_\_\_

2.2 4 840 ; 4 860 ; 4 880 ; \_\_\_\_\_ ; \_\_\_\_\_

2.3 8 650 ; 8 600 ; \_\_\_\_\_ ; \_\_\_\_\_ ; 8 450

2.4 3 100 ; 3 075 ; 3 050 ; \_\_\_\_\_ ; \_\_\_\_\_



2.6			2 004	2 006
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2.7	7 021	7 018			7 009
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2.8 Look at the number pattern and say what the rule is:

8 421	8 221	8 021	7 821	The rule is _____
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[8]

### QUESTION 3

Round off and estimate carefully.

3.1 Round off **4 692** to the nearest a) 10  $\approx$  \_\_\_\_\_

b) 100  $\approx$  \_\_\_\_\_

c) 1 000  $\approx$  \_\_\_\_\_

(3)

3.2 Estimate the answer to  $475 + 216 = a$ , by rounding off the numbers to the nearest 10. (2)

[5]

**QUESTION 4**

Calculate the answers: You may use any method.

Please show all signs and steps clearly.

Please  
check your  
calculating.

4.1.  $2\,491 + 1\,546 = a$

(2)

4.2.  $8\,070 - 2\,345 = b$

(2)



4.3.  $25 \times 9 = c$

(2)

4.4.  $76 \div 3 = d$

(2)

4.5.  $54 \times 16 = f$



(3)

4.6.  $246 \div 5 = g$

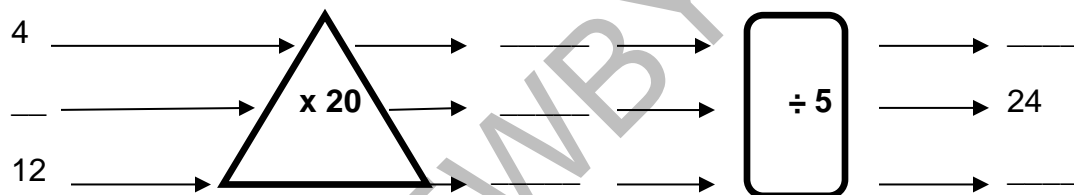


(3)

[14]

**QUESTION 5**

Complete the flow chart:

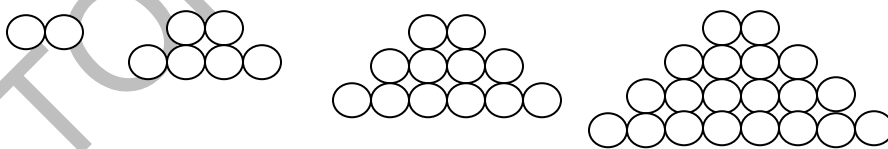


[3]

**QUESTION 6**

More patterns:

6.1 Look at the pattern made and then complete the given table:



Pattern	1	2	3	4	5	6
Circles	2	6				

(1)

6.2 What did you notice happened to the pattern each time?

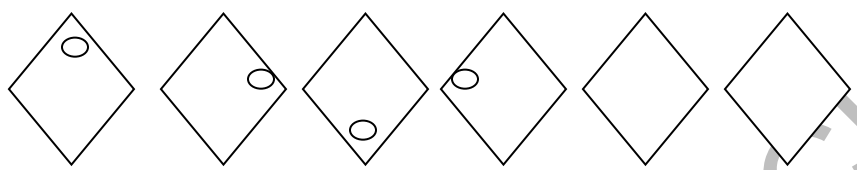
Underline the correct answer.

- a) The circles increased by 2.
- b) The circles doubled.
- c) The circles increased by the next even number.

(1)

6.3. Complete this pattern:

(2)



[4]

**QUESTION 7**

**PROBLEM SOLVING**

Write a number sentence and do a calculation for the stories below.

7.1. Thabo won R5 000. If he spent R2 805, what would he have left?

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(3)

7.2. Aunty Mary bakes 5 cakes. Each cake needs 250g of flour. How much flour will aunty Mary need to bake all five cakes?

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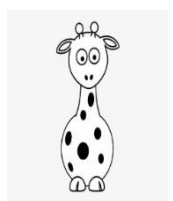
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(3)

[6]



Please check all your calculations! Hope you did well.

**PERFORMANCE ANALYSIS GRADE 4 MATHEMATICS**

**JUNE CONTROLLED TEST 2021**

**NAME:** \_\_\_\_\_ **SURNAME:** \_\_\_\_\_ **CLASS: 4** \_\_\_\_\_

Sections	Q1 Mental Maths	Q2 Number patterns	Q3 Rounding off/ Estimating	Q4 Calculating: +,- ,÷,×	Q5 Flow chart	Q6 More patterns	Q7 Problem solving	Total
Allocated Marks	10	8	5	14	3	4	6	50
Mark Obtained								
Struggled with								

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