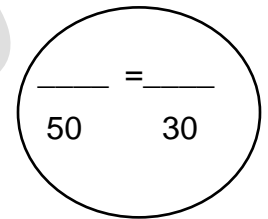




**TOM NEWBY SCHOOL**  
**GRADE 5 MATHEMATICS JUNE 2022**

<b>Subject</b>	<b>MATHEMATICS</b>	<b>Examiner</b>	<b>MRS J OTTO</b>
<b>Date</b>	<b>JUNE 2022</b>	<b>Total marks</b>	<b>50</b>
<b>Term</b>	<b>2</b>	<b>Duration</b>	<b>1 HOUR</b>
<b>Grade</b>	<b>5</b>	<b>Moderator</b>	<b>MRS M FOURIE</b>
<b>Instructions</b>	1. Read all the instructions carefully. 2. All calculations must be shown on the question paper. 3. Write neatly and legibly with a blue pen. 4. The use of a calculator is not allowed.		
Name:	Surname:	Class:	

**QUESTION 1: MULTIPLE CHOICE [10]**



**Circle the letter of the correct answer.**

1.1 Which number is represented by?

$$(1 \times 4) + (8 \times 1\,000) + (9 \times 10) + (3 \times 10\,000)$$

- A) 8 349
- B) 38 094
- C) 3 894
- D) 83 049

(1)

1.2 Which number sentence is NOT true?

- A)  $75 - 19 = 19 - 75$
- B)  $18 + 34 = 34 + 18$
- C)  $7 \times (20 + 2) = (7 \times 20) + (7 \times 2)$
- D)  $60 \times 5 = 5 \times 60$

(1)

1.3 The product of sixty and six is .....

- A) Ten
- B) Three hundred
- C) Fifty four
- D) Three hundred and sixty

(1)

1.4 The odd numbers between 3 680 and 3 689 are...

- A) 3682; 3 684; 3 686; 3 688
- B) 3 681; 3 683; 3685; 3 687; 3 689
- C) 3 681; 3 683; 3 685; 3 687
- D) None of the above

(1)

1.5 Which number is double 7 385?

- A) 14 770
- B) 14 760
- C) 14 660
- D) 14 670

(1)

1.6 9 100 is 10 times smaller than:

- A) 910
- B) 901
- C) 90 100
- D) 91 000

(1)

1.7 There are \_\_\_\_\_ twelves in 132.

- A) 12
- B) 11
- C) 13
- D) 9

(1)

1.8 69 849 rounded off to the nearest 100:

- A) 69 900
- B) 69 850
- C) 69 800
- D) 69 700

(1)

1.9 Which number is a multiple of 9?

- A) 72
- B) 56
- C) 49
- D) 32

(1)

1.10 Fifty-six added to the quotient of forty-eight and six, equals:

- A) 73
- B) 63
- C) 64
- D) 74

(1)

**QUESTION 2: BASIC OPERATIONS [12]**

**Calculate the answers in the spaces provided. You may use any method.**

**Show all working out.**

2.1  $45\,678 + 29\,845$

(2)

2.2  $81\,005 - 49\,327$

(2)

2.3  $263 \times 47$

(3)

2.4  $416 \div 6$  and test your answer by doing the inverse operation.

(3)

2.5  $630 \div 15$

(2)

### QUESTION 3: NUMERIC PATTERNS [10]

Complete the following number patterns.

3.1 a) 159 ; 155 ; 151 ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

(1)

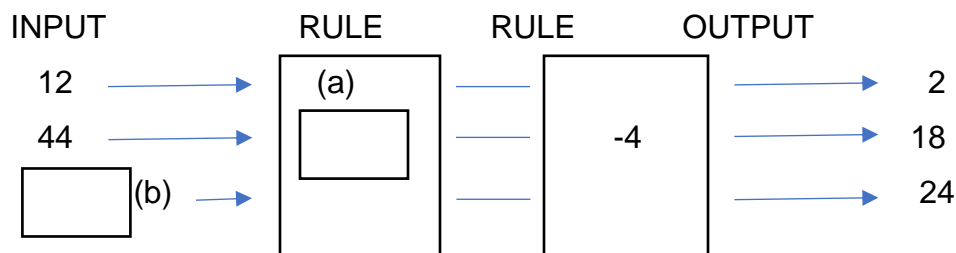
b) 64 759 ; 66 759 ; 68 759 ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

(1)

c) 1 600 ; 800 ; 400 ; \_\_\_\_\_ ; \_\_\_\_\_ ; \_\_\_\_\_

(1)

3.2 Complete the flow diagram



(2)

## 3.3 Complete the table



Number of cars	Number of wheels
1	4
16	a) _____
b) _____	100

(2)

## 3.4 Complete the table

	21	56	14	70	84	630
$\div 7$	3		2	10		

(3)

## QUESTION 4: GEOMETRIC PATTERNS [9]

Look at the geometric patterns and then answer the questions that follow.

4.1



a) How many matches must you add to build each pattern number?

\_\_\_\_\_



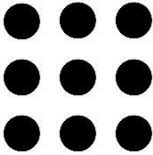
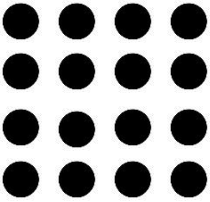
(1)

b) Complete the table.

<b>Pattern number</b>	1	2	3	4	10	15
<b>Number of matches</b>	3	5				

(4)

4.2

				(a)
1	2	3	4	5

(1)

a) Draw pattern number 5 in the space provided.

b) Complete the table

Pattern number	1	2	3	4	5	12
Number of dots	1	4	9			

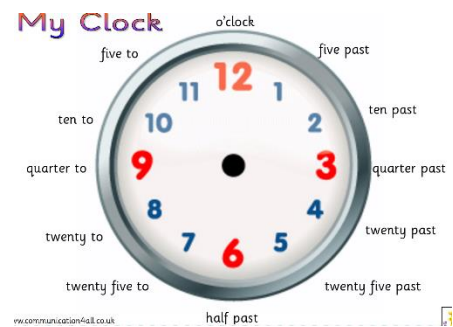
(3)

### QUESTION 5: PROBLEM SOLVING [9]

Write a number sentence for each problem and then calculate the answer.

5.1 There are 24 hours in a day.

How many hours are there in 69 days?



(3)

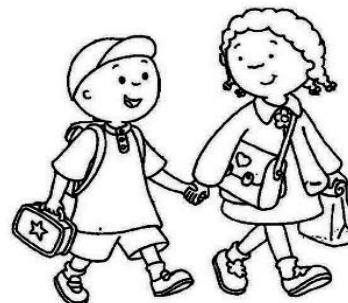
5.2 480 children visit the Game Park. The school hires 8 buses. How many children travel in each bus?



(2)

- 5.3. a) Each day, Lindiwe walks 2km 25 m and Peter walks 1 km 750 m to school.  
What is the total distance they walk to school each day? (Write your answer in m).

(2)



- b) How much further does Lindiwe walk to school than Peter? (Write your answer in m).  
**HINT:** Change the distances to meters only.

(2)

**TOTAL: 50**

**PERFORMANCE ANALYSIS**  
**GRADE 5 JUNE TERM 2 TEST**  
**(For teacher use only)**

Name: \_\_\_\_\_

Surname: \_\_\_\_\_

Class: \_\_\_\_\_

QUESTION	1	2	3	4	5	TOTAL
DESCRIPTION	MULTIPLE CHOICE	BASIC OPERATIONS	NUMERIC PATTERNS	GEOMETRIC PATTERNS	PROBLEM SOLVING	
Possible marks	10	12	10	9	9	50
Learner's Mark						
Moderator's Mark						