



**TOM NEWBY SCHOOL**  
**GRADE 4 MATHEMATICS TEST**



<b>Subject</b>	<b>Mathematics</b>	<b>Examiner</b>	<b>Mrs v Schalkwyk/Mrs Visser</b>
<b>Date</b>	<b>November 2021</b>	<b>Total marks</b>	<b>50</b>
<b>Term</b>	<b>1</b>	<b>Duration</b>	<b>1 hour</b>
<b>Grade</b>	<b>4</b>	<b>Moderator</b>	<b>Mrs M. Fourie</b>
<b>Special instructions</b>	1. Read each question twice carefully. 2. Write all numbers clearly and neatly. 3. Show all your calculations. Highlight important words in questions to help you. 4. Check your work. 5. Good Luck!		
<b>Name:</b>	<b>Surname:</b>	<b>Class:</b>	



**QUESTION 1: MENTAL MATHS [10]**

Calculate and circle the correct answer.

- 1.1. What is the place value of the 9 in **6 937**?
- a. 9T            b. 9H            c. 9U            d. 9TH
- 1.2. What number is represented by **50 + 100 + 7 000 + 1**
- a. 7 511        b. 7 151        c. 7 511        d. 7 115
- 1.3. The multiples of 8 between 10 and 30 are:
- a. 16 and 20    b. 16 and 22    c. 16 and 24    d. 16 and 28
- 1.4. Double the number 2 531 is:
- a. 4 062        b. 5 032        c. 5 062        d. 4 061
- 1.5. The answer to  $(6 \times 9) \times 100 =$  \_\_\_\_\_
- a. 5 040        b. 4 500        c. 5 400        d. 540

1.6. Which sign ( + , - , x , ÷ ) is used to make this number sentence true?

$$(160 \div 2) \text{ \_\_\_\_ } 3 = 240$$

- a. +                      b. -                      c. x                      d. ÷

1.7. What number comes next in the number pattern: 2 473 ; 2 483 ; 2 493 ; \_\_\_\_\_

- a. 2 403                  b. 2 503                  c. 3 400                  d. 3 503

1.7. The odd number after 9 899 is:

- a. 9 901                  b. 9 903                  c. 9 910                  d. 9 911

1.8. You buy 6 chocolates for R25 each. What do you pay?

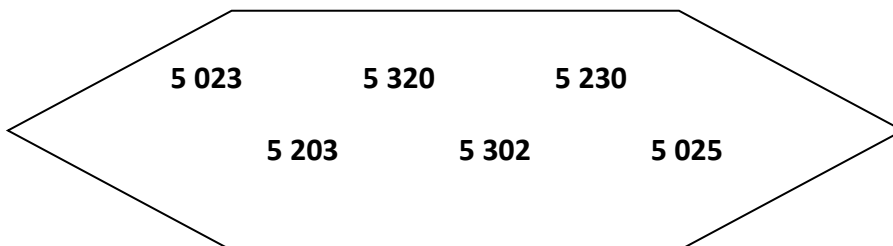
- a. R125                  b. R150                  c. R175                  d. R200

1.10. Jane takes 30 minutes to knit a Beanie (cap). How many hours will it take her to knit 5 beanies?

- a. 1 hour                  b. 1½ hours                  c. 2 hours                  d. 2½ hours

### QUESTION 2: WHOLE NUMBERS [4]

Use the numbers below to answer the questions that follow:



2.1. Find and write the biggest even number. \_\_\_\_\_

2.2. Write the number 5 302 in words.

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2.3. Round off 5 203 to the nearest :  $\approx 10$   $\approx 1\ 000$

2.4. Arrange all the numbers inside the hexagon in **ASCENDING** (smallest to biggest) order:

**QUESTION 3: CALCULATING WITH WHOLE NUMBERS [9]**

Calculate your answers. You may use any METHOD. Please show all signs and steps clearly. Write neatly in the squares please.

3.1.  $2915 + 3094 = a$  (2)

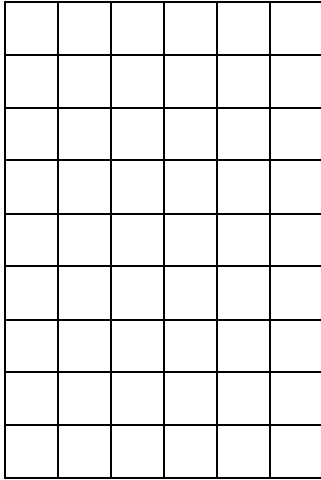

3.2.  $9050 - 4804 = b$  (2)


3.3.  $818 \div 9 = c$  (2)


Calculate carefully!



3.4.  $59 \times 12 = d$  (3)



**QUESTION 4: PROBLEM SOLVING [6]**

Read each story sum carefully and then, calculate the answers. **Remember your open number sentence.**

4.1 Mary uses 225ml of milk to bake a cake. How much milk will she need if she wants to bake 3 cakes? (3)

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4.2 Siphon won R3000. If Siphon spends R1250, then how much money does he have left? (3)

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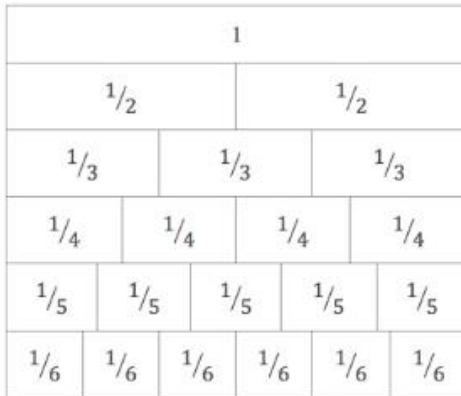
**QUESTION 5: FRACTIONS [9]**

Use the FRACTION WALL to answer all the questions which follow.

5.1. Colour the following fractions in, on the fraction wall provided on page 5:

two fifths (red) and four sixths (blue) (2)

### Fraction Wall



5.2 Give the EQUVALENT fractions for the following: (2)

$$\frac{2}{4} = \frac{\quad}{\quad} \qquad \frac{4}{6} = \frac{\quad}{\quad}$$

5.3 Fill in < , > or =.

$$\frac{2}{2} \square \frac{5}{6}$$

$$\frac{1}{3} \square \frac{1}{2}$$

$$\frac{3}{6} \square \frac{4}{5} \qquad (3)$$



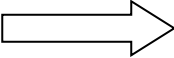
5.4. What is  $\frac{1}{2}$  of R60,50? \_\_\_\_\_ (1)

5.5. If 3 friends share 18 sweets equally, what fraction of the sweets do they each get?

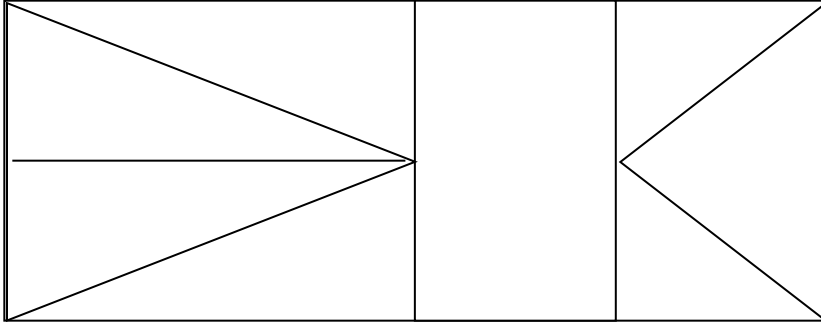
The fraction is \_\_\_\_\_ (1)

### QUESTION 6: GEOMETRY [5]

6.1 Complete the table: (3)

	Shape	Name	Regular or irregular
a.			
b.			
c.			

6.2 How many triangles and rectangles do you see in this design? Use 2 colours to help you outline the shapes.

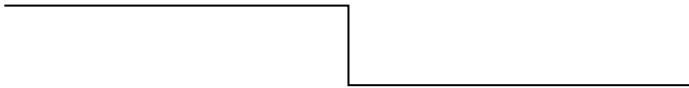


There are \_\_\_\_\_ triangles and \_\_\_\_\_ rectangles. (2)

### QUESTION 7: MEASUREMENT [7]

Complete each activity carefully:

7.1 Measure the line carefully in millimeters and write your answer in mm and cm.



a) \_\_\_\_\_ mm

b) \_\_\_\_\_ cm

(2)

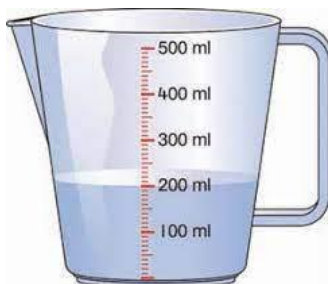
7.2 Look carefully at the measuring jug.

What is its capacity and volume?

a) Capacity = \_\_\_\_\_

b) Volume = \_\_\_\_\_

(2)

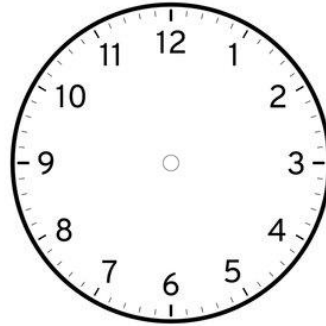


7.3 What is the time shown on the clock?

\_\_\_\_\_



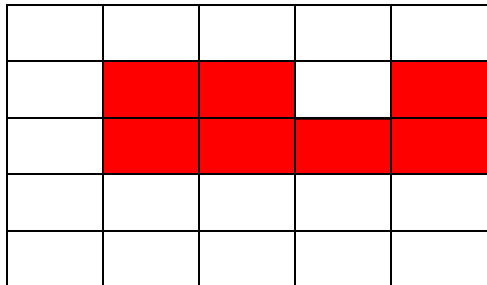
What would forty minutes later be? Draw it on this clock



(2)

7.4 What is the area of the shape given?

The area is \_\_\_\_\_ blocks.



(1)

[7]

NOW THAT YOU HAVE COMPLETED YOUR TEST...PLEASE CHECK YOUR CALCULATIONS AND THAT YOU HAVE ANSWERED EACH QUESTION. HOPE YOU HAD FUN!



**Grade 4 Maths November Test 2021****Performance Analysis****(For teachers use only)**

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

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

<b>Question</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>Allocated mark</b>	<b>10</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>7</b>
<b>Actual mark</b>							
<b>Problems experienced</b>							

Total:50