



**TOM NEWBY SCHOOL**  
**GRADE 4 TERM 4 FORMAL ASSESSMENT**



<b>Subject</b>	<b>Mathematics</b>	<b>Examiner</b>	<b>Mrs van Schalkwyk /Miss S.Seedat</b>
<b>Date</b>	<b>November 2022</b>	<b>Total marks</b>	<b>50</b>
<b>Term</b>	<b>4</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> Read each question twice carefully. Write all numbers clearly and carefully. Show all your calculations. (Show steps to your calculations.) Highlight important words in questions to help you. Good luck and check your work carefully.			
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:
-------	----------	--------

**QUESTION 1: MENTAL MATHS [6]**

**Calculate and circle the correct answer.**

1.1. The place value of the 8 in 1 865 is: (1)

- a. 8T      b. 8 TH      c. 8H      d. 8U

1.2. What number is represented by  $(2 \times 10) + (3 \times 1\,000) + (0 \times 100) + (6 \times 1)$ ? (1)

- a. 3 206      b. 3 620      c. 3 260      d. 3 026

1.3. What number is missing in  $(10 \times 9) \times 2 = \underline{\hspace{2cm}} \div 2$ . (1)

- a. 90      b. 180      c. 350      d. 360

1.4. What number comes next in this pattern: 1 993; 1 973; 1 953; \_\_\_\_\_ (1)

- a. 1 943      b. 1 933      c. 1 923      d. 1 913

1.5. Calculate:  $9 \times 20 \times 10 = a$ . (1)

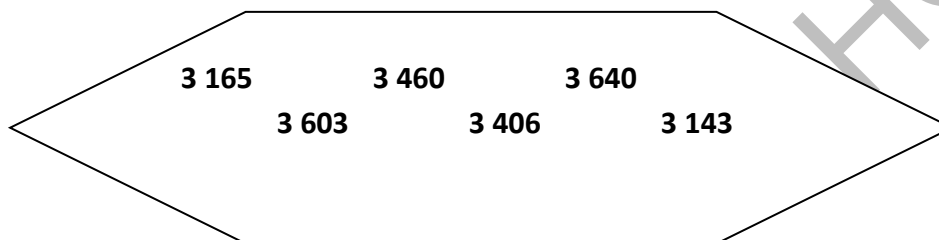
- a. 180      b. 810      c. 1 800      d. 1 810

1.6. You buy 7 books for R25 each. What do you pay? (1)

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

**QUESTION 2: WHOLE NUMBERS [6]**

Use the numbers below to answer all the questions.



2.1. What is the smallest odd number above? \_\_\_\_\_ (1)

2.2. Write the number 3 406 in words.

\_\_\_\_\_ (1)

2.3. Round off 3 603 to the nearest:  $\approx 1\ 000$

\_\_\_\_\_ (1)

2.4. Arrange **ONLY** the **EVEN** numbers inside the hexagon in **DESCENDING ORDER** (biggest to smallest).

\_\_\_\_\_ (1)

2.5 Double the number 3 165.

Doubling

Show your calculations in the block provided.

(1)

2.6 Half the number 3 640.

Halving

Show your calculations in the block provided.

(1)

**QUESTION 3: CALCULATIONS WITH WHOLE NUMBERS [13]**

Calculate your answers. You may use any **METHOD**. Please **show all signs and steps clearly**.

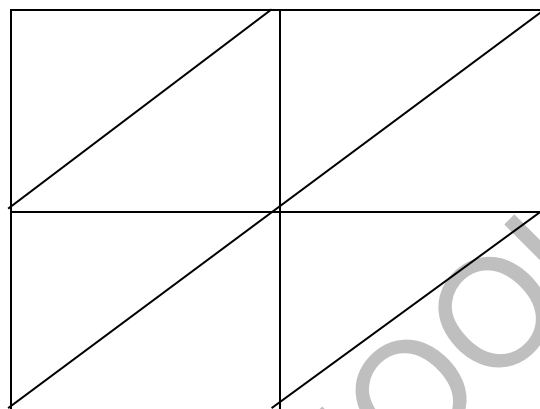
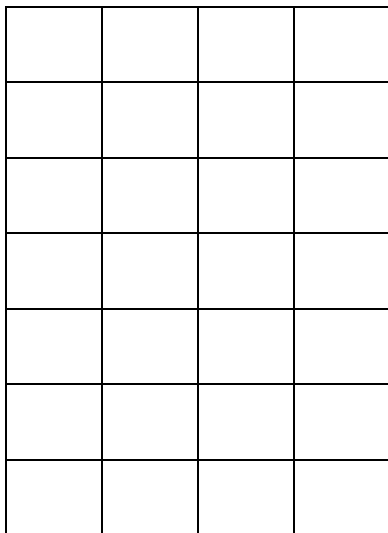
3.1  $4\ 582 + 5\ 627 = a$


(2)

3.2  $6\ 140 - 2\ 508 = b$


(2)

3.3.  $67 \times 19 = c$

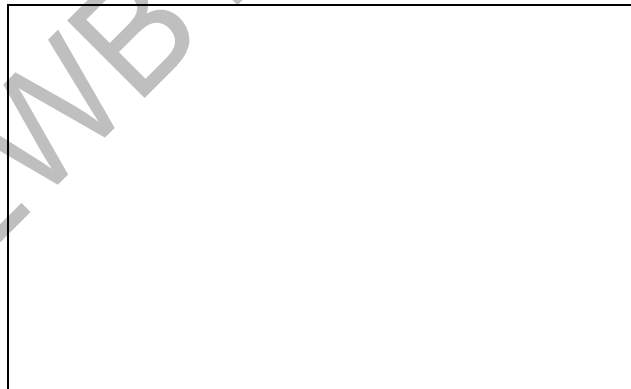


(3)



Calculate carefully!

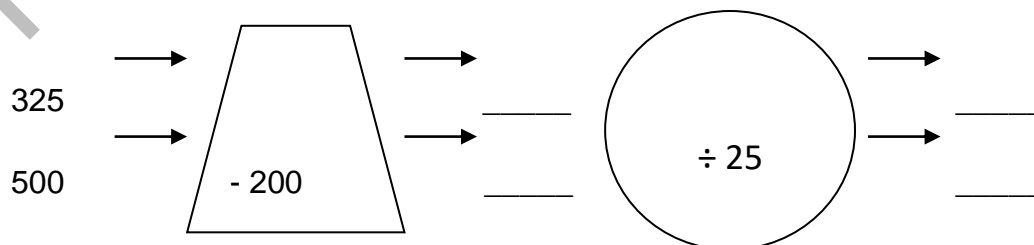
3.4  $665 \div 5 = d$



(2)

3.5 Complete the SPIDER DIAGRAM carefully.

(4)





5.1. Shade in on the fraction wall: (2)

Two thirds      Four fifths

5.2. Give the EQUVALENT fractions for: (2)

$$\frac{1}{2} = \frac{\quad}{\quad} \quad \frac{4}{6} = \frac{\quad}{\quad}$$

5.3. Fill in < , > or =. (2)

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

$$\frac{3}{6} \square \frac{4}{5}$$

$$\frac{2}{4} \square \frac{2}{6}$$

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

5.4. What is  $\frac{1}{2}$  of R40,50? \_\_\_\_\_ (1)

5.5. 7 friends share 21 sweets equally. What fraction of the sweets does each get? (1)

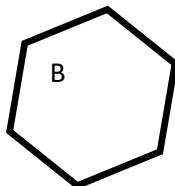
The fraction is \_\_\_\_\_

### QUESTION 6: GEOMETRTY [6]

6.1. Name the shapes below. (2)



A \_\_\_\_\_



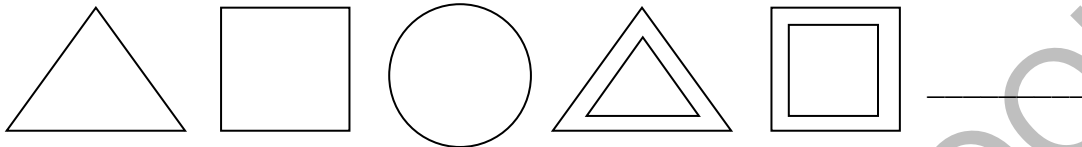
B \_\_\_\_\_

6.2. Which of the above shapes is a quadrilateral? Circle A or B. (1)

6.3. What is a 2-D shape with 8 equal sides and angles called? \_\_\_\_\_ (1)

6.4. Complete the patterns.

(2)



### QUESTION 7: MEASURING [8]

Complete each activity.

7.1

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



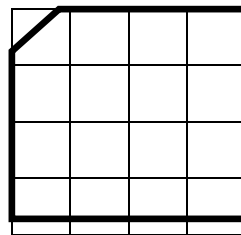
7.2

Look at the floor plan of this bedroom:

If each square is 1m long then:

The perimeter is \_\_\_\_\_ m

And the area is \_\_\_\_\_ squares



(2)

7.3

Look carefully at the measuring jug.

What is its capacity and volume?

1. CAPACITY \_\_\_\_\_

VOLUME \_\_\_\_\_



(2)

7.4 Complete the following activities:

7.4.1 Use words to describe the time that is shown on this clock?

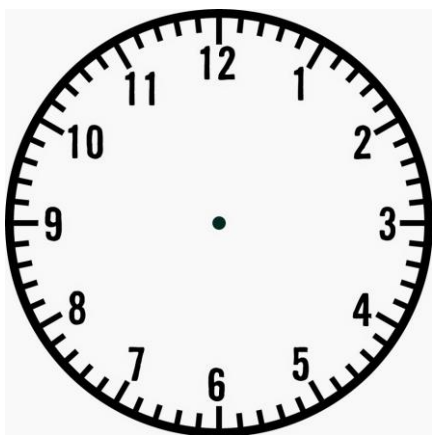
(1)

\_\_\_\_\_



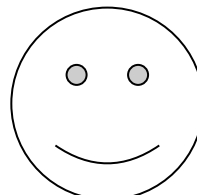
7.4.2 Draw, on the clock, what the time would be 35 minutes later than the time shown on the clock in 7.4.1.

(1)



**TOTAL: 50**

Now that you have completed your test.... please check your work and make sure you have answered all the questions. Hope you had fun.





**GRADE 4 MATHS**  
**TERM 4 FORMAL ASSESSMENT**

**Performance Analysis**

**(For teachers use only)**

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

Date: \_\_\_\_\_

Question	1 Mental Maths	2 Whole numbers	3 Calculating +, -, x, ÷	4 Proble m solvin g	5 Fractions	6 Geometry	7 Measuring
Allocated Mark	6	6	13	3	8	6	8
Actual Mark							
Problems experienced							

TOTAL \_\_\_\_\_

50

25