TOM NEWBY SCHOOL EXAMINATION

Subject	**MATHEMATICS**	**Examiner**	**MRS. VAN SCHALKWYK**
Date	**13 JUNE 2016**	**Total marks**	**75**
Session	**1**	**Duration**	**1 ½ HOURS**
Grade	**4**	**Moderator**	**MRS FOURIE**
Special instructions/ Equipment			

This Maths Exam has been compiled using notes and information contained in the Tom Newby School book. 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. Up to 10% of the total mark allocation may be deducted for spelling and grammatical errors, except in the case of Language papers, where deductions are made according to a memorandum.

Name and Surname: _____ **Grade: 4**_____

INSTRUCTIONS:

1. Read each question twice very carefully!
2. Write all numbers clearly and neatly.
3. Show all your calculations.
4. Check your work.
5. Good Luck!

SECTION A MENTAL MATHS

Underline the correct answer.

1. The next odd number after 4 099 is:

   (4 100 ; 4 101 ; 4 103 ; 4 000)

2. The product of 20 and 6 is:

   (26 ; 14 ; 120 ; 206)

3. In the number 3 694 the 6 is worth:

   (6 000 ; 60 ; 600 ; 6)

4. What number is missing in (25 x 4) + 250 = _____ + 200.

   (150 ; 250 ; 200 ; 50)

5. 13.30 is read as:

   (half past thirteen ; thirty past one ; half past two; half past one)

6. Which number is not a multiple of 8?

   (24 ; 48 ; 58 ; 72)

7. Find the difference between 450 and 25.

   (475 ; 425 ; 18 ; 20)

8. This shape  is called a:

   (triangle ; rectangle ; parallelogram ; trapezium)

9. 1 ½ hours is equal to:

   (75 min ; 90 min ; 120 min ; 130 min)

10. What will you pay for 6 ice-creams if they cost R 3, 50 each?

    (R 18,50 ; R19 ; R 20,50 ; R21)

(10)

SECTION B **WHOLE NUMBERS**

QUESTION 1

Write the numbers formed by:

2 + 400 + 50 + 3 000 = _____

6 hundreds + 9 thousands + 1 ten = _____

(8 x 1)+(8 x 100)+(1 x 10) + (4 x 1 000) = _____

(3)

QUESTION 2

Complete the patterns.

4 305 ; 4 505 ; 4 705 ; _____ ; _____

6 100 ; 6 075 ; 6 050 ; _____ ; _____

1 998 ; _____ ; _____ ; 2 004 ; 2 006

3 905 ; 3 855 ; _____ ; _____ ; 3 705

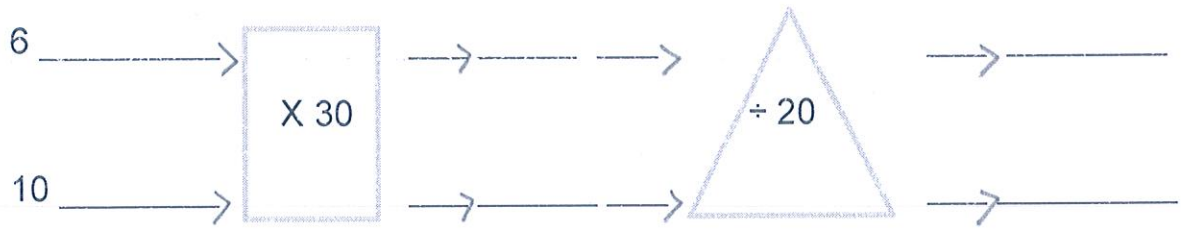
(4)

QUESTION 3

Complete the table and flow chart below carefully.

Start here then	Add on 400	Halve your answer	Round off to the nearest 100
2 468			
7 510			

(6)



(4)

QUESTION 4

Calculate the answers. Please show all your steps.

4 925 + 5 172 = a

_____

_____

_____

_____

(2)

9 875 - 2 288 = b

_____

_____

_____

_____

(2)

8 941 - 2 695 = c

_____

_____

_____

_____

(2)

351 x 4 = d.

_____

_____

_____

_____

(2)

29 x 51 = e.

_____

_____

_____

_____

_____

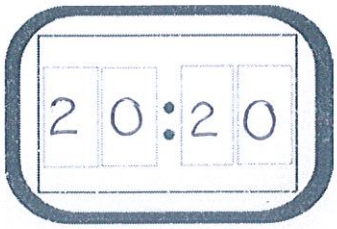
_____**(3)**

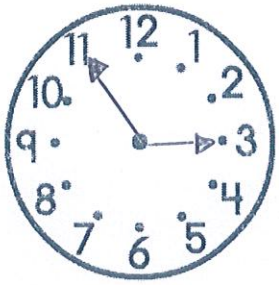
(11)

SECTION C TIME

QUESTION 1

Read and write the times shown on the clocks below:





_____ _____ _____

(3)

QUESTION 2

Give a number sentence and an answer for the problems below.

a. Dad takes a lunch break at 11:45 for 20 minutes. At what time does he finish his lunch break?

_____

b. Mpumi and her netball team practice netball every Tuesday from 2:00pm to 3:15 pm. For how long do they practice netball?

_____

c. The Maths period is from 10:35 to 11:00. How long is the Maths period?

_____

(3)

QUESTION 3

Complete :

2 ½ days = _____hours

16 weeks = _____months

3 hours = _____ minutes

4 years = _____ months

(4)

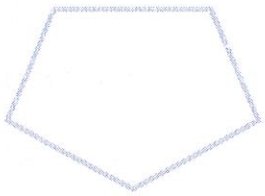
(10)

SECTION D **GEOMETRY**

QUESTION 1

Name the shapes below and say if they are regular or irregular.

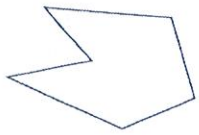
a.



_____

_____

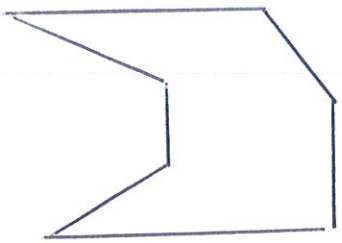
b.



_____

_____

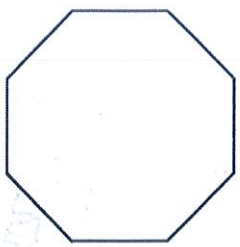
c.



_____

_____

d.



_____

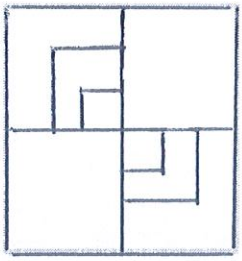
_____

(6)

SECTION D

QUESTION 2

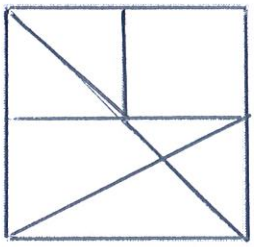
Look at the design below. How many squares can you count?



There are_____ squares in total

(1)

How many triangles, squares and rectangles do you see in this design?



There are _____ triangles, _____ squares and _____rectangles.

(3)

(10)

SECTION E

Study the graph below carefully. Then answer the questions which follow.

The telephone calls the Smith family makes in one week:

Mom									
Dad									
Jack									
Jane									

KEY: one telephone represents 3 calls.

1. Underline what type of graph this is:

   (pictograph ; bar graph ; pie graph) (1)

2. How many calls did each member of the family make in a week?

   MOM _____ DAD _____

   JACK _____ JANE _____ (2)

3. Who made the least amount of calls? _____ (1)

4. How many more calls did Jane make than Mom? _____ (1)

5. In total how many calls did the whole family make? _____ (1)

6. If a call costs R5. What would Dad's calls cost for:

   one week? _____

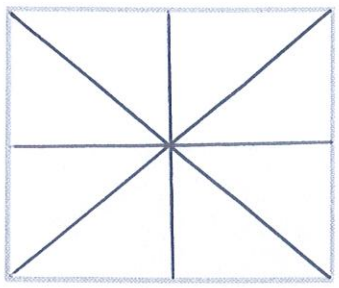
   two weeks? _____ (2)

(8)

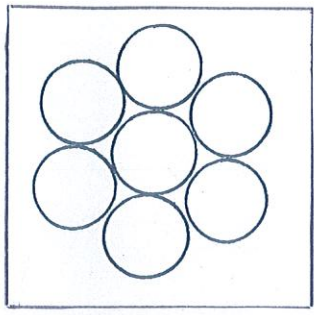
SECTION F FRACTIONS

QUESTION 1

Colour the following fractions in.



$\frac{5}{8}$



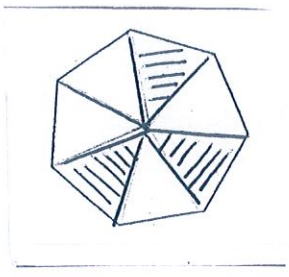
$\frac{1}{2}$

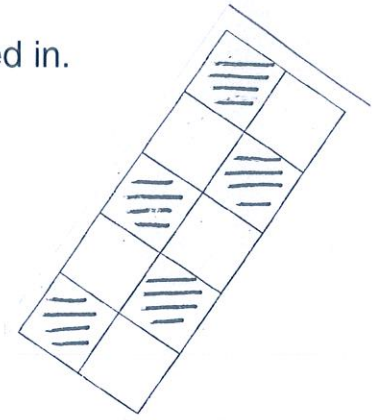
$\frac{4}{7}$

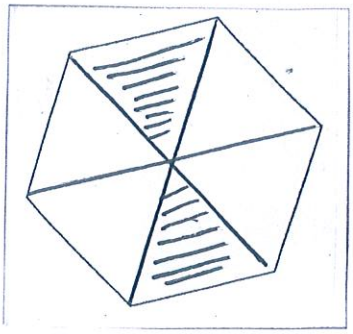
(3)

QUESTION 2

Say what fraction are coloured in.





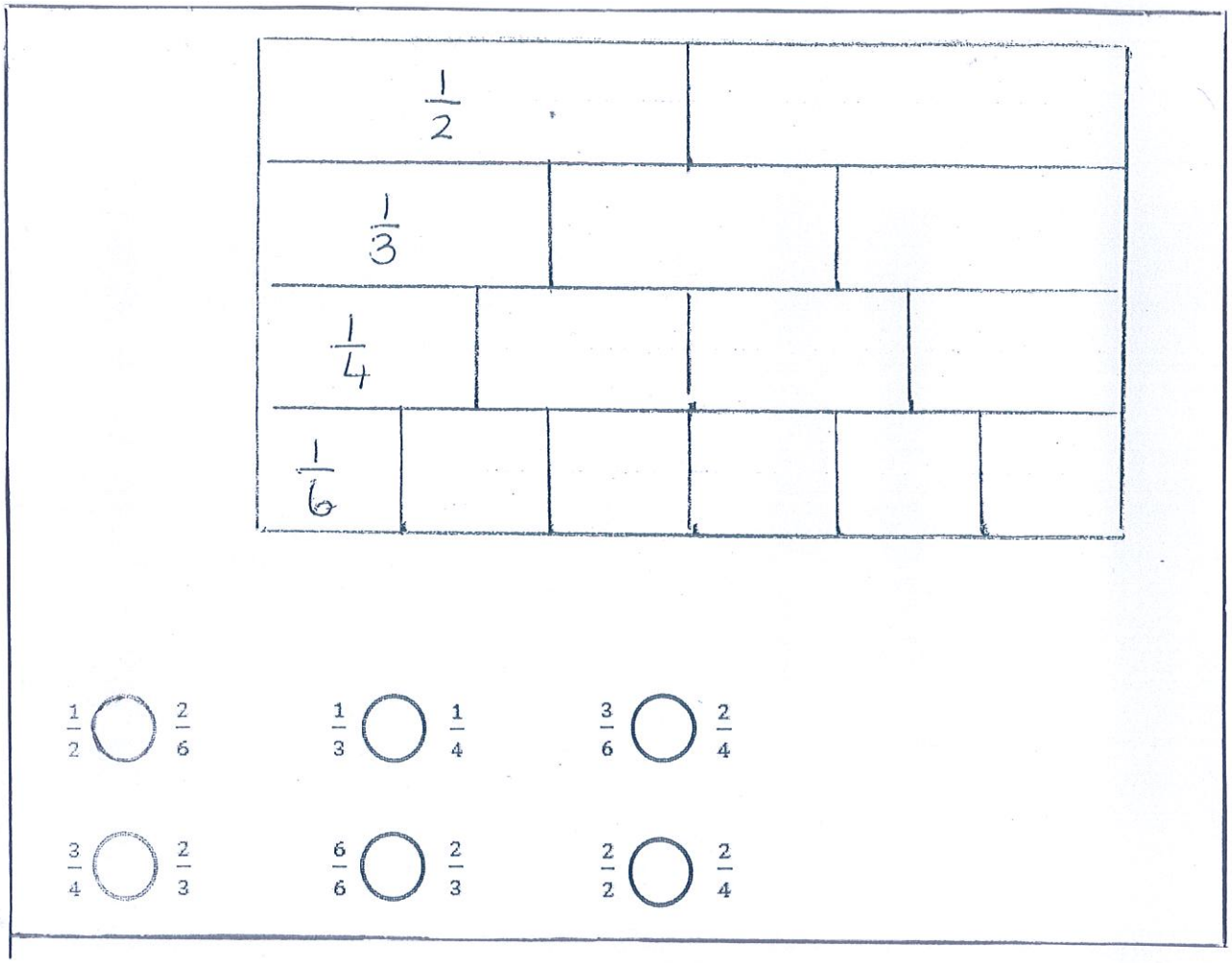


(3)

QUESTION 3

Compare the fractions using the Fraction wall.

Fill in > , < or =.



(3)

(9)