Name:	Surname:	Class:

INSTRUCTIONS:

1. Read each question twice carefully.
2. Write all numbers neatly and clearly.
3. Show ALL calculations.
4. Check your work.
5. GOOD LUCK!

SECTION A **WHOLE NUMBERS** **(33)**

QUESTION 1

Calculate and fill in the answers.

a. The next odd number after 3 399 is

_____

b. Round 5 865 off to the nearest 100.

_____

c. Round 8 465 off to the nearest 1 000.

_____

d. Complete the number sentence below.

(5 x 25) + _____ = (3 x 30) + 210

e. Expand the number 8 418:

(8 x _____) + (4 x _____) + (1 x _____) + (8 x _____)

f. Double the number 4 905

LIVEWORKSHEETS

_____

g. Halve the number 10 952

_____

h. Write as a number: ten thousand two hundred and sixty-five

_____

i. Give the total number value of the underlined digits in 1<u>5</u> 8<u>1</u>9

_____

j. Make the biggest even number using all four digits : 0 5 8 3

_____

k. What are the factors of 12?

_____

l. What is the product of 15 and 20?

_____

(12)

QUESTION 2

Fill in the missing numbers by completing the patterns, number line and spider diagram.

a. 4 590, 4 560, 4 530, _____, _____

b. 7 060, 7 560, 8 060, _____, _____

c.

d.

LIVEWORKSHEETS

e. 11 _____ ____ = _____ ____ _____

X 90 ÷ 30

40 _____ ____ = _____ ____ _____

(6)

QUESTION 3

Check if the following calculation is correct. Remember you use the opposite operation to check your answer.

a. ACTUAL CALCULATION

$$6\overline{)656}$$

109 r 2

CHECKING

_____

_____

_____

(2)

QUESTION 4

Calculate the answers. Show all the steps of the method you use and the answers clearly.

6 495 + 3 746 = a

_____

_____

_____

_____

(2)

8 491 – 5 565 = b

_____

_____

_____

_____

(2)

92 x 15 = c

_____

_____

_____

685 ÷ 7 = d

_____

_____

_____

LIVEWORKSHEETS

_____ (2) _____ (3)

QUESTION 5
Problem Solving. Remember to give an open number sentence and calculation.

a. Dad buys 3 DVD's for R95,50 each. How much did the DVD's cost?

_____

_____

_____

_____

_____

(3)

SECTION B **TIME AND FRACTIONS** **(14)**
QUESTION 1

Fill in >, < or =

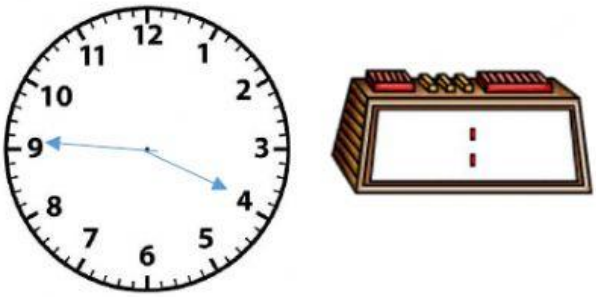
3½ hrs _____ 210 min 4 weeks _____ 30 days

¼ day _____ 4 hrs 18 months _____ 1½ years

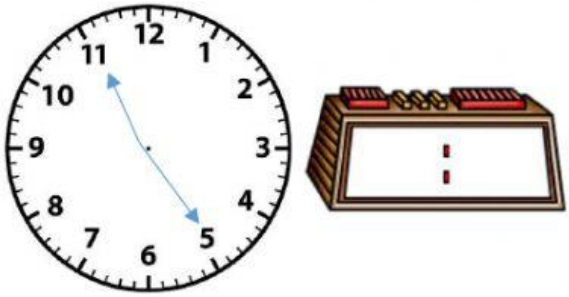
(2)

QUESTION 2
Read and write the time shown on the clocks in digital and analogue time.

a.



b.



LIVEWORKSHEETS

a.m p.m

_____ _____

(4)

QUESTION 3

Calculate the following answers:

a. A student attends school from 8 a.m to 2 p.m every day. How may hours does a student attend school per week?

_____

_____

_____

_____

b. Peter is 10 years old. How old will he be in the year 2028?

_____

_____

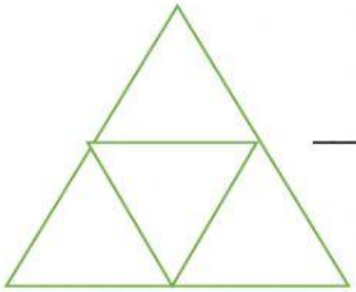
_____

_____

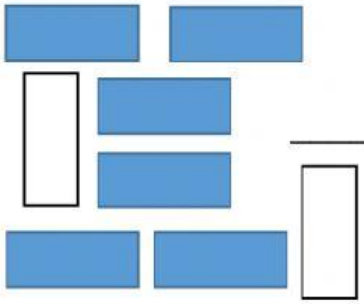
(2)

QUESTION 4

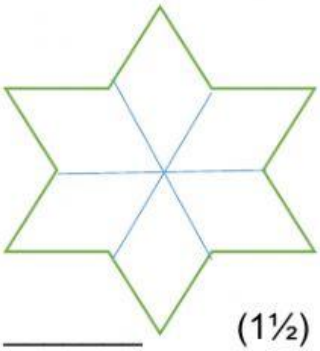
a. What fraction of each diagram is shaded in?



_____



_____



_____

(1½)

b. Use the diagrams above to guide you and give an equivalent fraction for:

$\frac{3}{4}$ = _____ $\frac{1}{3}$ = _____ $\frac{1}{2}$ = _____

(1½)

c. Calculate the following fractions.

$\frac{6}{8} + \frac{5}{8}$ = _____ $\frac{7}{12} - \frac{4}{12}$ = _____

(1)

LIVEWORKSHEETS

d. It takes ¾ of an hour to fix the leaking roof on our house. How many minutes is that? Please complete the open number sentence and calculation.

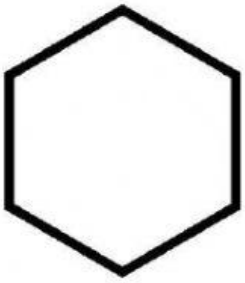
_____ of _____ = _____ min.

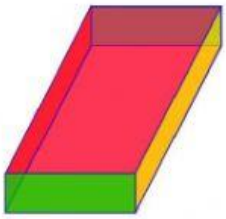
(2)

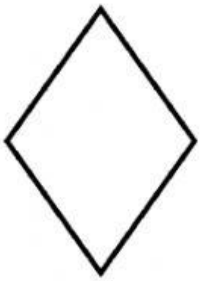
SECTION C **GEOMETRY** **(10)**

QUESTION 1

Name the shapes below:







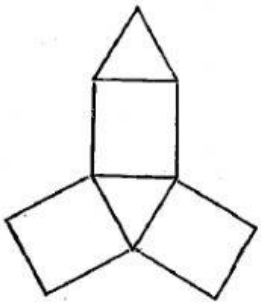
_____ _____ _____ _____

(4)

QUESTION 2

If you cut out the net below, what shape would it make?

Underline the correct answers in each bracket.



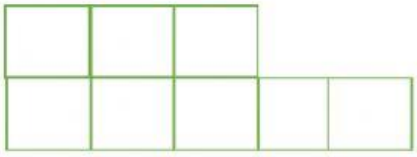
This is a (2-D, 3-D) shape called a (rectangular prism, triangular pyramid, Square pyramid, triangular prism) which has (3,4,5) faces and (4,5,6) vertices.

(2)

QUESTION 3

The plan below shows the floor of a hamster cage. What is the PERIMETER and AREA of the hamster cage?

Each block equals 1cm



Perimeter = _____

Area = _____

LIVEWORKSHEETS

If the cage is five times bigger in real life, what is its real perimeter?

_____ (2)

QUESTION 4

Look at the grid below and give the position of each of the following:

a. the kite b. the star c. the pentagon d. the trapezium

_____ _____ _____ _____

	A	B	C	D	E	F	G	H	I
1									
2									
3									
4									
5									

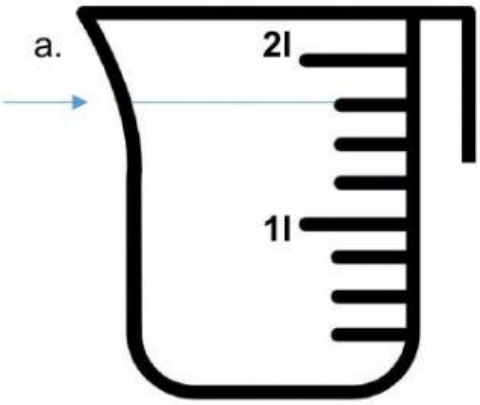
(2)

SECTION D **DECIMAL FRACTIONS** **(10)**

QUESTION 1

Give the reading indicated by the arrows on each object and convert the amounts.

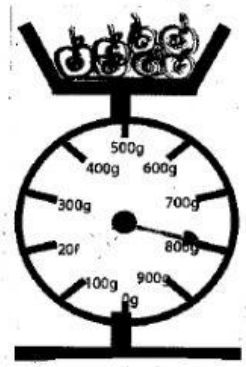
a.



_____ml

_____l

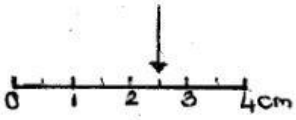
b.



_____g

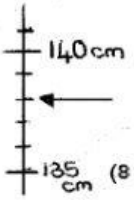
_____kg

c.



_____ mm

d.



_____cm (8

LIVEWORKSHEETS

_____ cm _____m

(8 ÷ 2 = 4)

QUESTION 2

Study the shopping basket below and answer the questions which follow:

Ready to shop?

a. What would it cost for two packets of potatoes?

_____

b. What is the total amount you would pay for all the goods in the basket?

_____

c. If you paid with a R200 note. What would your change be?

_____

(3)

QUESTION 3

Study the picture below and complete the table.

Each bottle holds 1 litre of juice.

Capacity of bottles	Volume of bottles	Write volume as a fraction

LIVEWORKSHEETS

(3)

SECTION E **DATA HANDLING** **(8)**

QUESTION 1

The table below compares the Grade 3 and Grade 4 learners' favourite games to play at break.

Games	Grade 3	Grade 4
Soccer	15	20
Netball	9	6
Skipping	8	10
Catches	18	12

a. How many learners from each Grade took part in this survey?

Grade 3 = _____ Grade 4 = _____

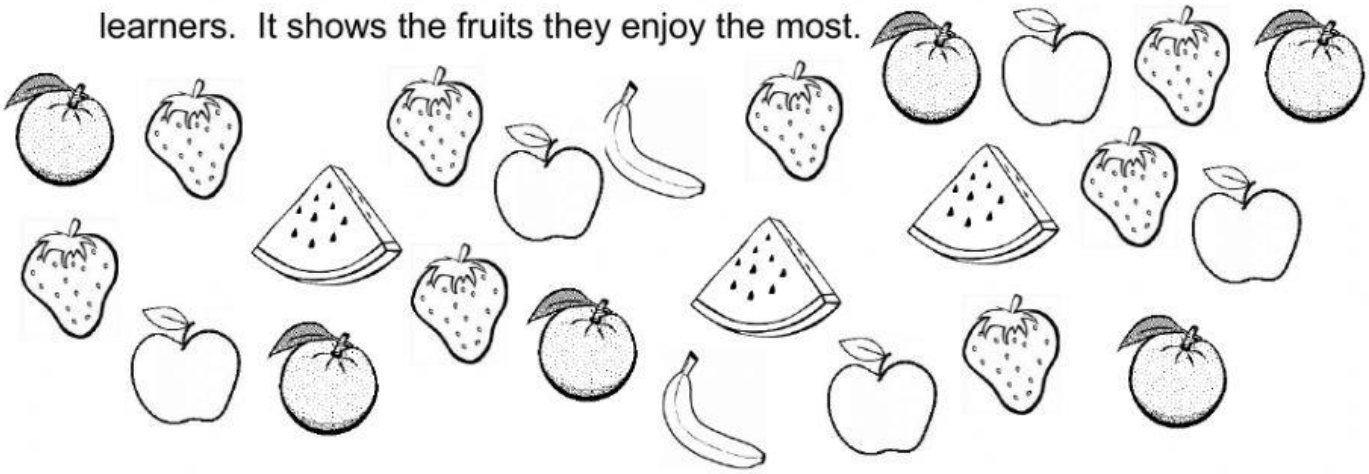
b. Which two games are the least popular in Grade 4?

_____

(2)

QUESTION 2

The picture below shows the results of a survey done amongst Grade 0 learners. It shows the fruits they enjoy the most.



a. Tally the fruits enjoyed. (2½)

FRUIT	TALLY
Strawberries	
Bananas	
Oranges	
Apples	

LIVEWORKSHEETS