

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.

$$(5 \times 25) + \underline{\hspace{2cm}} = (3 \times 30) + 210$$

e. Expand the number 8 418:

$$(8 \times \underline{\hspace{1cm}}) + (4 \times \underline{\hspace{1cm}}) + (1 \times \underline{\hspace{1cm}}) + (8 \times \underline{\hspace{1cm}})$$

f. Double the number 4 905

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 15 819

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?

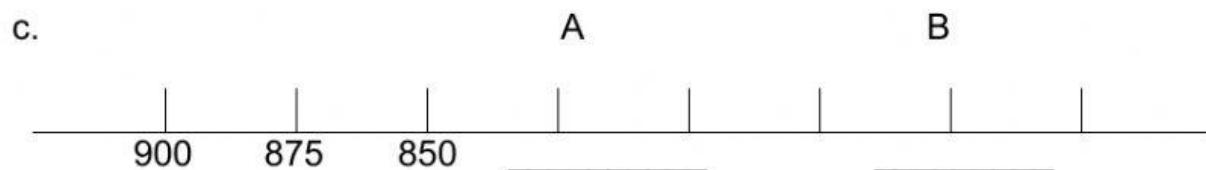
(12)

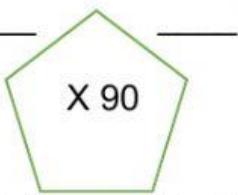
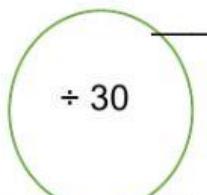
QUESTION 2

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, _____, _____



e. 11  =  = (6)

QUESTION 3

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

a. ACTUAL CALCULATION

$$\begin{array}{r} 109 \text{ r } 2 \\ 6 \sqrt{656} \end{array}$$

CHECKING

(2)

QUESTION 4

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

$$6\ 495 + 3\ 746 = a$$

$$8\ 491 - 5\ 565 = b$$

(2)

(2)

$$92 \times 15 = c$$

$$685 \div 7 = d$$

(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**QUESTION 1****TIME AND FRACTIONS**

(14)

Fill in $>$, $<$ or $=$

$3\frac{1}{2}$ hrs _____ 210 min

4 weeks _____ 30 days

$\frac{1}{4}$ day _____ 4 hrs

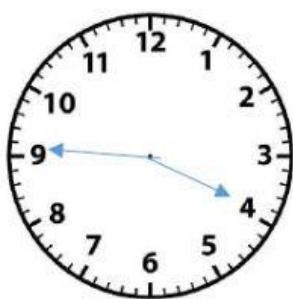
18 months _____ $1\frac{1}{2}$ years

(2)

QUESTION 2

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

a.



b.



a.m

p.m

(4)

QUESTION 3**Calculate the following answers:**

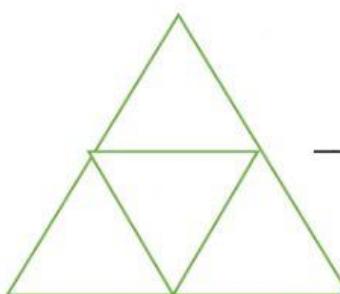
a. A student attends school from 8 a.m to 2 p.m every day. How many hours does a student attend school per week?

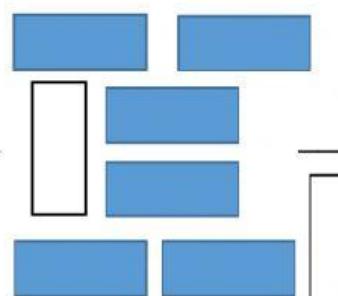
b. Peter is 10 years old. How old will he be in the year 2028?

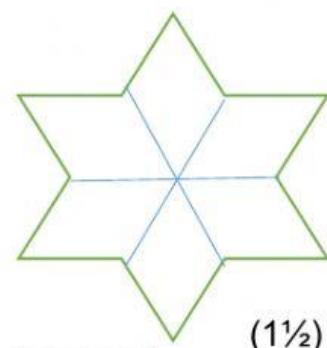
(2)

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:

$$\frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} = \underline{\hspace{2cm}}$$

(1½)

c. Calculate the following fractions.

$$\frac{6}{8} + \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\frac{7}{12} - \frac{4}{12} = \underline{\hspace{2cm}}$$

(1)

d. It takes $\frac{3}{4}$ 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)

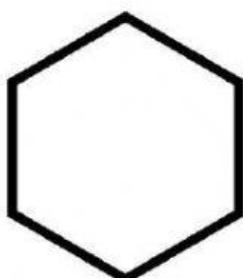
SECTION C

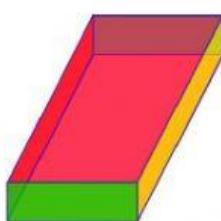
GEOMETRY

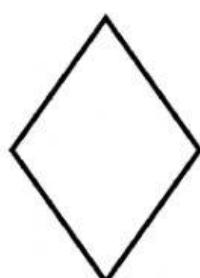
(10)

QUESTION 1

Name the shapes below:







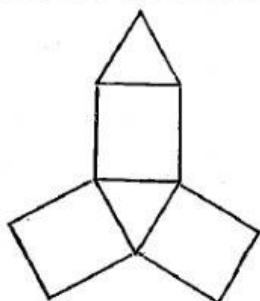


(4)

QUESTION 2

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

Underline the correct answers in each bracket.



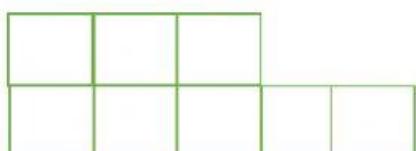
This is a (2-D, 3-D) shape called a (rectangular prism, triangular pyramid, Square pyramid, triangular prism) which has (3,4,5) faces and (4,5,6) vertices.

(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 = _____

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)

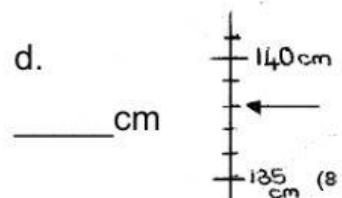
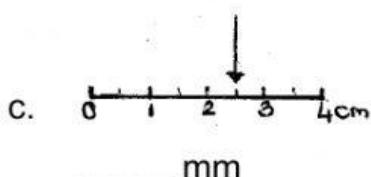
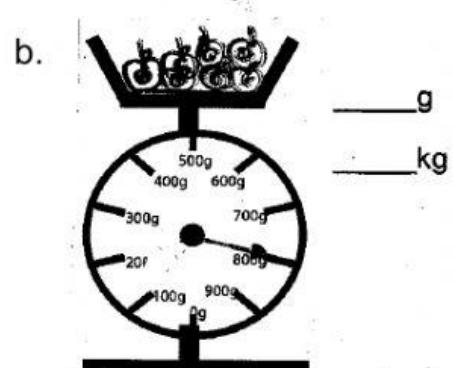
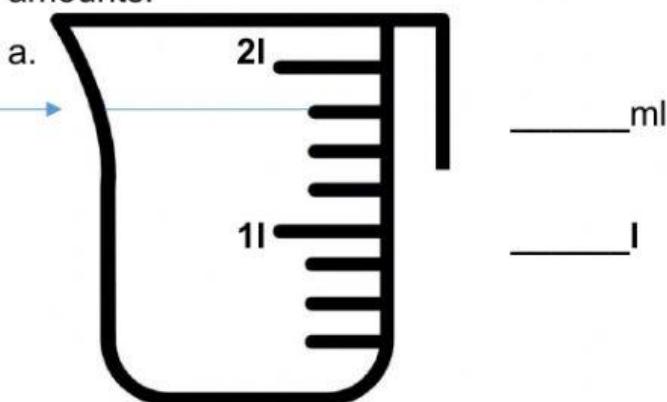
SECTION D

DECIMAL FRACTIONS

(10)

QUESTION 1

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

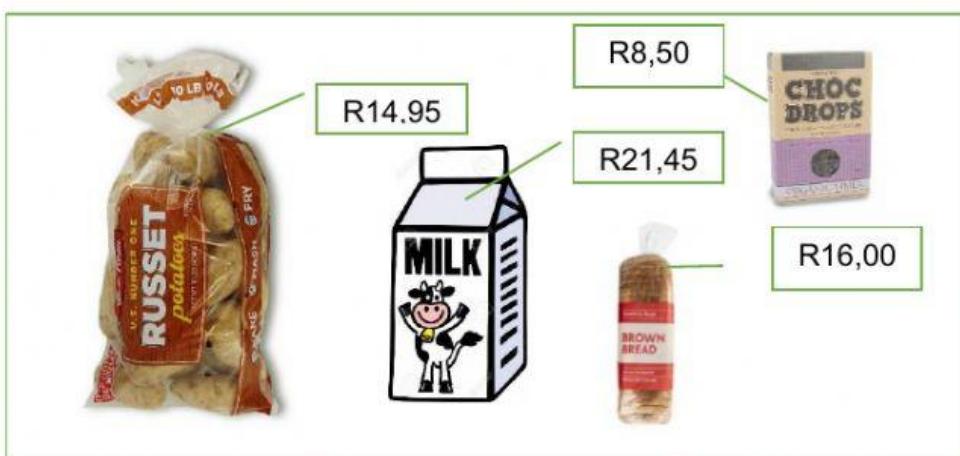


cm m

$$(8 \div 2 = 4)$$

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

		(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?

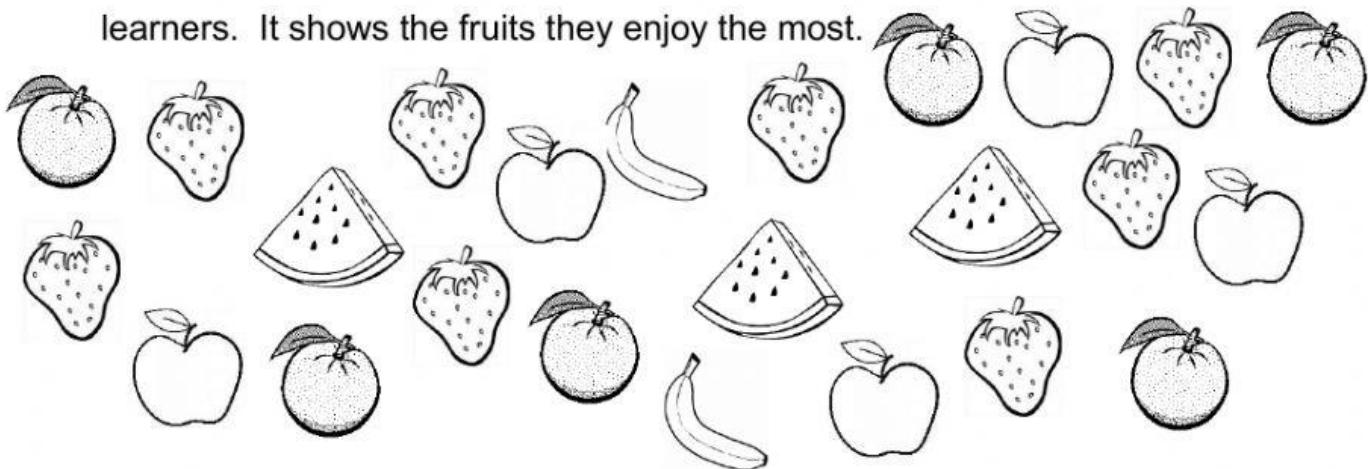
Grade 3 = _____ Grade 4 = _____

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	

