

Grade 4

Mathematics

2015

Mock Examination

Marks: 60

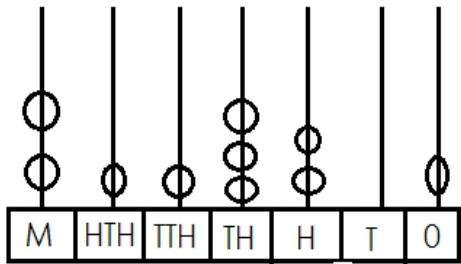
Paper 1

Instructions

1. Answer all questions
2. Show all necessary working on this sheet
3. This paper has two sections. Section A has 20 multiple choice questions
4. In section A circle (O) the correct option only on the answer grid provided.

Section A

Question 1



- i) What is the value of the number shown by the spike abacus?

Question 2

What is the value of five in the number 2005?

Question 3

Write 3152 in expanded form

Question 4

The $\frac{1}{2}$ of 14 is...

Question 5

4 903 written in words is...

- a. Four thousand nine hundred and three
- b. Nine hundred
- c. Four thousand and three
- d. Four hundred and three

Question 6

The shaded fraction is

- a. $\frac{2}{6}$
- b. $\frac{4}{6}$
- c. $\frac{1}{6}$
- d. $\frac{3}{6}$

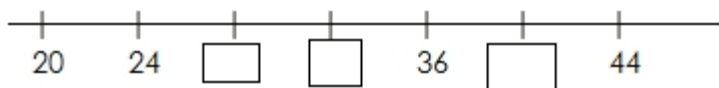
Question 7

At what time does our school start?

- a. noon
- b. midnight
- c. a.m
- d. p.m

Question 8

The missing numbers in the pattern below are:



- a. 23,24,38
- b. 28,32,40
- c. 34,35,38
- d. 28,30,32

Question 9

6 repeated 3 times is ...

- a. 18
- b. 9
- c. 24
- d. 20

Question 10

What is the product of 9 and 7?

- a. 47
- b. 61
- c. 42
- d. 63

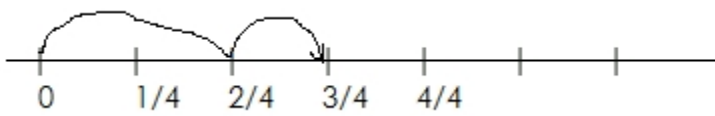
Question 11

93 when rounded off to the nearest ten is...

- a. 100
- b. 90
- c. 80
- d. 95

Question 12.

What mathematical sentence is shown by the diagram?



- a. $\frac{3}{4} - \frac{2}{4}$
- b. $\frac{2}{4} + \frac{3}{4}$
- c. $\frac{2}{4} + \frac{1}{4}$
- d. $\frac{4}{4} - \frac{1}{4}$

Question 13

12 000m is equal to _____ km

- a. 2km
- b. 120km
- c. 1km
- d. 12km

Question 14

The mathematical sentence show by the diagram is _____

- a. 3×3
- b. 3×4
- c. $3 \div 3$
- d. $3 - 3$

Question 15

How many triangles are in the shape below?

- a. 8
- b. 10
- c. 11
- d. 9

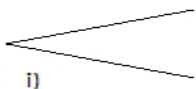
Question 16

Arrange the fractions in order starting with the smallest

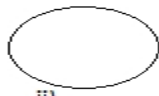
$\frac{1}{4}$ $\frac{1}{5}$ $\frac{3}{8}$

Question 17

Which of these show angles?



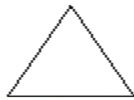
i)



ii)



iii)

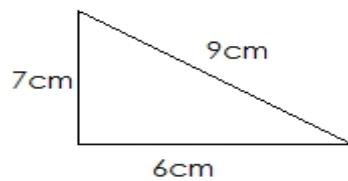


iv)

Question 18

Six eggs have a mass of 312g. What is the mass of one egg?

Question 19



Find the parameter of the shape above

Question 20

1 kilogram = [] grams

- a. 10grams
- b. 10 000 grams
- c. 100 grams
- d. 1000 grams

[40 Marks]

Section B

Show all working where necessary

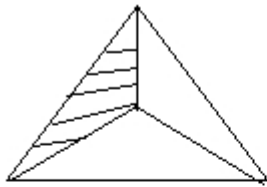
Question 21

i) _____

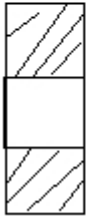
ii) _____

-

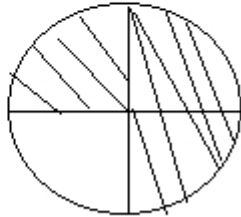
Write down the shaded fractions



i)



ii)



iii)

Question 22

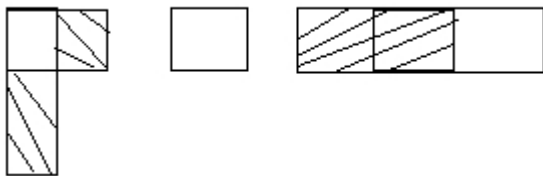
Complete the following number patterns

- i) 31, 33, 35, 37, 39, [], []...
- ii) 0, 8, 6, 14, 12, [], []...
- iii) AA, AB, AC, AD, [], []

[6]

Question 23

Compare the shaded part in the diagrams below, using < > or =



[1]

Question 24

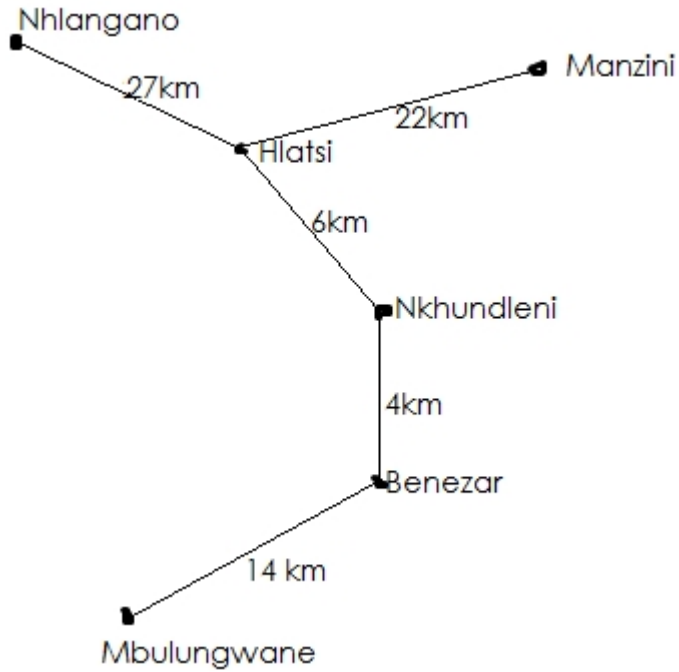
- a. The Dlodlu family has 3 sons, Sibusiso, Nhlanhla and Vincent. Sibusiso is 6years old, Nhlanhla 4 and Vincent 2.
 - i) Which son is 2years older than Nhlanhla?
 - ii) Which son's age is 2 times the age of Vincent?

- i) _____[3]
- ii) _____[3]
- iii) _____[3]

- iii) What is the sum of the ages of the boys?

Question 25

A road map of some towns in Swaziland is shown below



- How far is it from Nhlngano to Nkhundleni
- What is the difference in the distance between Nhlngano and Hlatsi and between Hlatsi and Nkhundleni
- What would be the total distance travelled if you travel from Manzini to Hlatsi, Nkhundleni, Benezar, down to Mbulungwane

Question 26

Show the following on a number line

a. $\frac{1}{6} + \frac{3}{6} =$ [2]

a. _____ [2]

b. _____ [2]
]

b. $4/4 - 1/4$

[2]

Question 27

The following table shows the amount of each person had and the cost of the item he or she bought. Calculate the money they had after buying the item

	Amount	Cost of Item
Bongani	E16.35	E5.80
Vuyiswa	E19.80	E15.93
Thobile	E11.93	E8.95

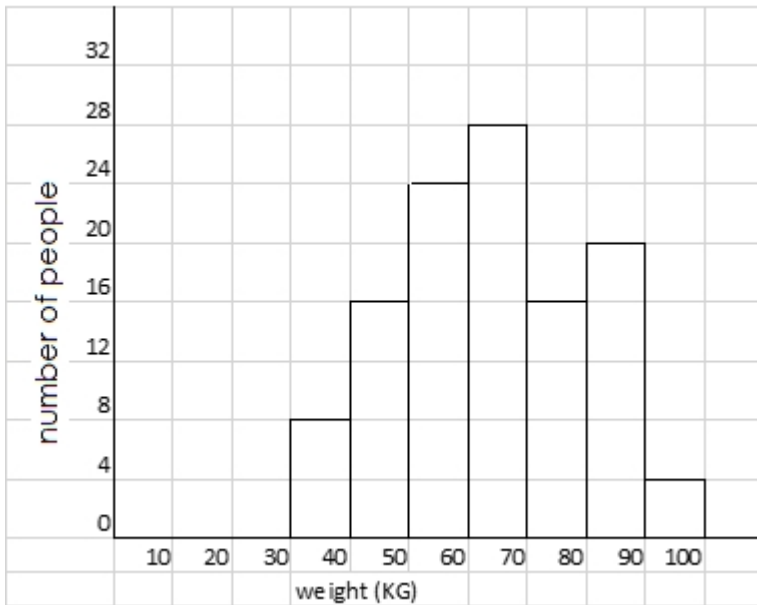
a. Vuyiswa's Change

b. Thobile's change

a. _____ [2]

Question 28

Study the bar graphs and answer the questions

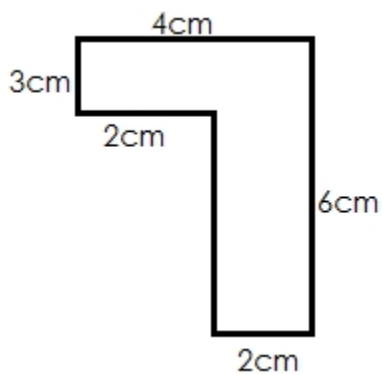


- i) Suggest a title for the Graph
- ii) What is the least weight of this group of people?
- iii) How many people have a weight of 90kg
- iv) What do most people weigh in this graph?
- v) What is the total number of people who weigh 40kg and those who weigh 70kg altogether?

a. _____ [3]

Question 29

Find the perimeter of the object or shape



b. _____ [3]

b. _____ [3]

Question 30

Ntombenhle's Time Table

Study the timeline below and answer the questions that follow

Wakeup & make bed	Cook breakfast	Clean the house	Cook lunch	Watch television	Cook supper	
6:00 am	6:20 am	8:00 am	10:00 am	1:00 pm	4:00 pm	7:00 pm

- Which period is longer: watch television or cleaning the house?
- How long did Ntombenhle watch Television?
- How long is it from the start of cooking breakfast to the end of cooking lunch?

- _____ [2]
- _____ [2]
- _____ [3]

Question 31

Draw line of segment of these distances

- 4cm [1]

- 9cm [1]

Question 32

What is ...?

- 1 fourth + 1 fourth
- 2 quarters + 1 quarter