

Mock Examination

Marks: 100

Paper 2

Instructions

1. Answer all questions in this paper
2. All working must be shown. It should be done on the same sheet.

NAME _____

For office use	Score

No: 1

Use this number 9 356 478 to do the following:

- i) Write down the place value of 3 in the number above

- ii) Write the above number in words

- iii) Write the above number in expanded form

- iv) Round it to the nearest ten thousand

- v) Draw spike abacus and show the number above on the spike abacus

No: 2

Sphelele bought a toy that cost E19.95. She paid with a E20 note. What is the smallest number of coins she can get as change?

Rewrite the same problem in your own words.

- a. _____

No: 3

Mr Moyo is a farmer, he has 12 cows for milking, and he gets 12.3L per cow in a day

- i) How much milk does he get per day altogether?

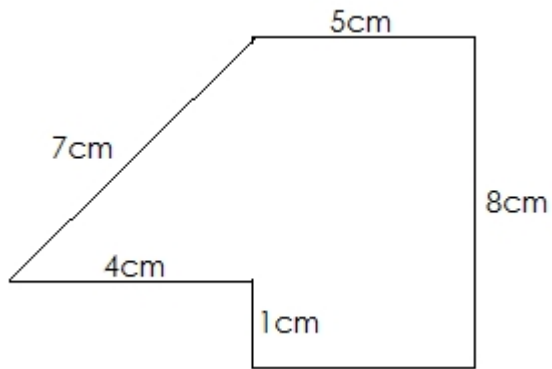
i) _____ [2]

ii) _____ [2]

- ii) How much milk will he get in a month?

- iii) If he sells $\frac{3}{5}$ of the total amount of milk he gets in a month, at E8.05. Calculate the total money he gets from selling the milk

No: 4



- i) Find the perimeter of this shape

- ii) Calculate the area of the above shape

No: 6

The population has 50L container and he has to fill it with water Using a cup that is 250ml. Find out how many such cups will he Need to fill up the container

a. _____ [3]

No: 6

The population of four countries is as follows:

Malawi: 18 307 596

Swaziland: 1 893 078

Lesotho: 7 805 007

Namibia: 13 975 669

i) Find the total population for all four countries

ii) By how many people is the population of Namibia bigger than that of Swaziland

No: 7

i) How many squares are in this figure?

No: 8

Sipho usually leaves home for school at 6:15am and come back home at 3:45pm. His school start at 7:45am and ends at 2:15pm

a. Write the time Sipho leaves home for school in the 24hr clock.

a. _____ [2]

b. _____ [3]

- b. How long is Sipho away from home?

- c. In Sipho's school they have a break for 30minutes at 10:45am
To _____am

- d. if Sipho leaves school at 2:50pm, how long does it take him to reach home?

No: 9

Find the quotient of these two numbers 8 261 326 and 46

No: 10

- a. Mr Mavundla build a house with 509 blocks, each block cost E4.69 in the block yard. The builder charges him E2 350.00, The other building material cost him E18 400.00 to complete the house. His income comes from machines, 1 car cost E8.250 for 5 cars

- i) Calculate the cost of all the blocks

- ii) How much income will he make from the 5cars?

- iii) find his total expenditure

	i) _____[3]
	ii) _____[3]
	i) _____[2]

- iv) Calculate his savings

No: 11

Show the spreading property of:

$$12 \times (12+10) =$$

No: 12

Mrs Lukhele borrowed a sum of E25 000.00 in a bank to start business

The Bank charges 13% per annum (per year)

- i) How much is Mrs Lukhele's interest charged?

- ii) How much money will she pay back at the bank?

No: 14

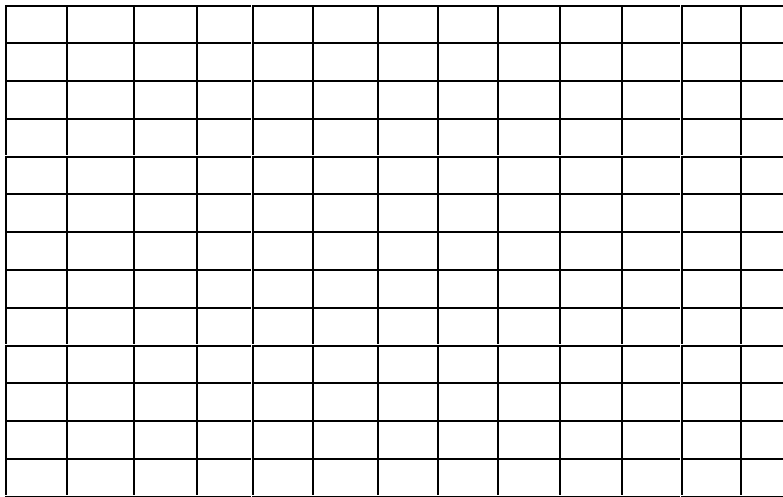
Hint: 1 area = 100m² and 1 hectare = 100 areas

Find out how many square metres is 1800 hectares?

a. _____ [2
]

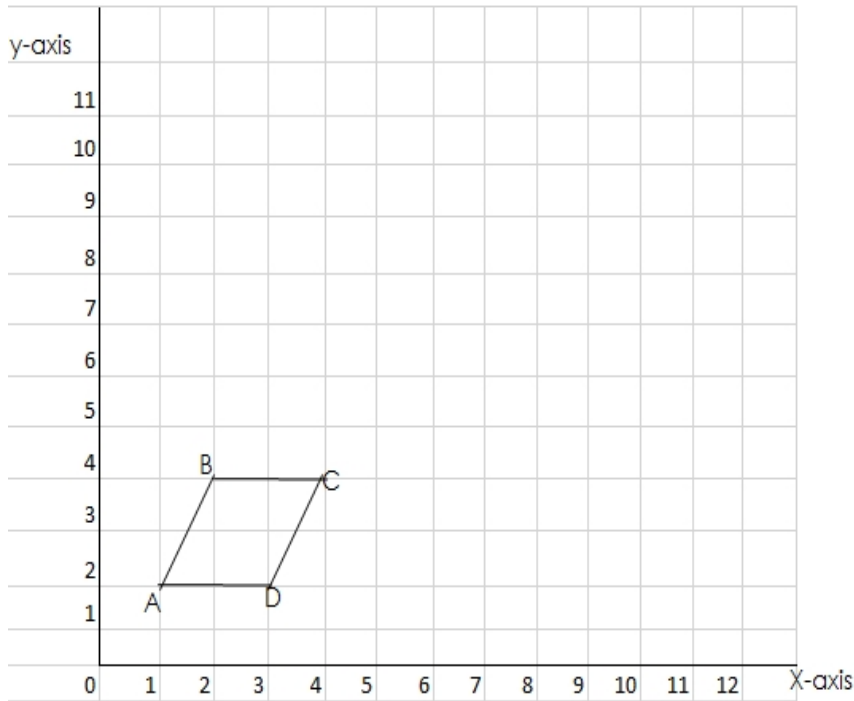
No: 15

Complete the tessellation below cover whole grid



No: 16

a. _____ [2
]



- i) Draw the image after reflection in the line $x=6$ label it JKLM respectively [3]
- ii) Slide the figure ABCD on 25q right and 45q up then draw And label image $A'B'C'D'$ [3]
- iii) Enlarge $A'B'C'D'$ using scale factor 2 with A' as the centre Of enlargement and label it image T U V W
- iv) Find the perimeter of T U V W assuming that 15q is 1cm by 1cm

No: 17

Bongiwe has 36 sweets in all. $\frac{1}{2}$ of them are stumbos, 4 are smoothies, 6 are chappies and the rest chocolate.

- i)

- ii) Calculate the angle sector for all the different types of Sweets Bongiwe has.

- iii) Draw a pie chart to represent the information above.