



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Primary Certificate

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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MATHEMATICS

212/01

Paper 1

October/November 2024

Candidates answer on the Question Paper.

1 hours 30 minutes

Additional materials required: Geometrical Instruments
Tracing paper (optional)

READ THESE INSTRUCTIONS FIRST

Write your name, centre number and candidate number in the spaces provided.

Write in dark blue or black pen in the spaces provided on the Question Paper.

You may use a soft pencil for any diagrams and graphs.

Do **not** use staples, tables, paper clips, highlighters, glue or correction fluid.

Answer **all** questions.

Calculators should **not** be used.

This paper is in two sections:

SECTION A: [40 Marks]: Show your answers on the Answer Grid provided.

Read the instructions on how to use the Answer Grid.

SECTION B: [60 Marks]: Write all answers in the answer spaces provided. The number of marks is given in brackets [] at the end of each question or part question.

If working is needed for any question it must be shown below that question.

The total marks for this paper is 100.

For Examiner's Use

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This document consists of 15 printed pages and 1 blank page.

SECTION A (40 Marks)

For each question, four possible answers are given. Work out which one is correct and mark it with a pencil on the answer grid provided on Page 8.

EXAMPLE:

40 Work out $60 - 40$

A 2

B 20

C 100

D 240

	A	B	C	D
40		X		

1 In a Mathematics class, 0.6 of the learners are girls.

Find the decimal fraction of the boys.

A 0.5

B 1.4

C 0.4

D 9.4

2 State the list with order from smallest to largest.

A 2.000, 2.020, 2.002

B 2.020, 2.022, 2.200

C 2.200, 2.020, 2.002

D 2.020, 2.200, 2.002

3 Find the number that makes the following statement true.

$$\square + 2 < 8$$

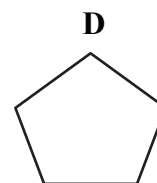
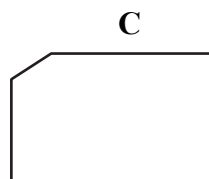
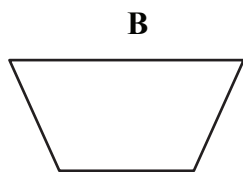
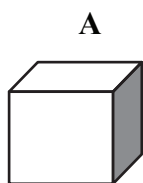
A 6

B 8

C 16

D 5

- 4 Choose the diagram that represents a quadrilateral.

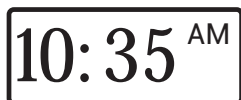


- 5 A packet of 10 pencils costs E35.50.

Find the cost of one pencil.

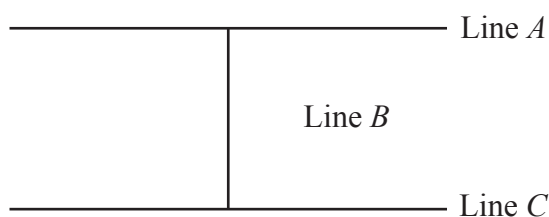
- A** E3.55
B E3.50
C E35.50
D E355.00
- 6 Sanele writes two numbers.
Their highest common factor is 6.
Their lowest common multiple is 36.
One of the numbers is 12.
State the other number.
- A** 9
B 24
C 18
D 3
- 7 A bus takes 1 hour 30 minutes to travel a distance of 150 km.
Find the amount of time the bus will take to travel a distance of 200 km.
- A** 2 hours
B 1 hour 45 minutes
C 3 hours
D 1 hour

- 8 The picture below shows a digital clock.



The time shown on the clock is

- A 25 minutes past 10
 - B 35 minutes past 10
 - C 25 minutes to 10
 - D 25 minutes to 11
- 9 The diagram shows lines A , B and C .



Choose the correct statement about the three lines.

- A Line A is perpendicular to line C
 - B Line B is perpendicular to line C
 - C Line A is parallel to line B
 - D Line B is parallel to line A and line C
- 10 What are the first five multiples of 8?
- A 8, 16, 24, 32, 40
 - B 1, 2, 4, 8, 16
 - C 1, 8, 16, 24, 32
 - D 16, 24, 32, 40, 48
- 11 Which number shows the sum of angles in a scalene triangle?
- A 270°
 - B 3600°
 - C 180°
 - D 90°
- 12 Which list shows even numbers greater than 4 but less than 12?
- A 4, 6, 8, 10, 12
 - B 5, 6, 7, 8, 9, 10, 11
 - C 5, 7, 9, 11
 - D 6, 8, 10

13 What is the simplest form of $\frac{16}{24}$?

- A $\frac{8}{12}$
- B $\frac{2}{3}$
- C $\frac{4}{5}$
- D $\frac{1}{3}$

14 Pretty had 15 boxes.

She packed 30 bottles of juice in each box.

Each bottle contained 500 ml of juice.

What was the total amount, in litres, of the juice packed?

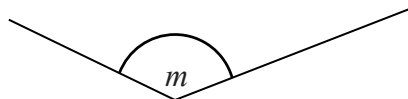
- A 225
- B 2 250
- C 22 500
- D 225 000

15 A line is 176 mm long.

State the length of the line in centimetres.

- A 17.6 cm
- B 0.176 cm
- C 1.76 cm
- D 1760 cm

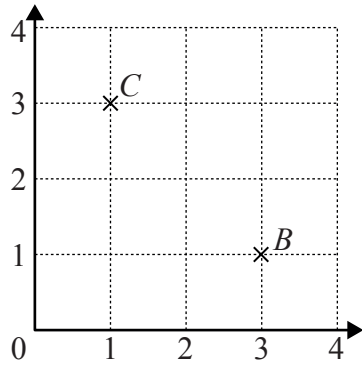
16 The diagram below shows angle m .



What type of an angle is angle m ?

- A Straight angle
- B Acute angle
- C Reflex angle
- D Obtuse angle

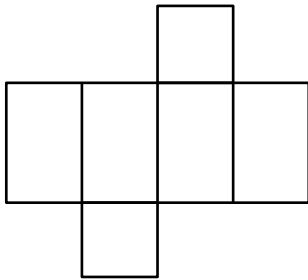
17 The grid shows two points B and C .



The correct statement for the coordinates of B and C is

- A $B (3,1)$ and $C (1,3)$
- B $B (1,3)$ and $C (3,1)$
- C $B (3,1)$ and $C (3,1)$
- D $B (1,3)$ and $C (1,3)$

18 The figure below shows a net.



State the name of the shape from which the net belongs.

- A Polygon
- B Cuboid
- C Rectangle
- D Cube

19 The data below shows the temperature readings, in degrees Celsius, for Siphofaneni.

37 40 32 34 32 42 36

Find the median temperature.

- A 32
- B 34
- C 36
- D 37

20 On a map, 1 cm represents 6 km.

Find the actual distance of a road that is 12 cm on the map.

- A** 18 km
- B** 72 km
- C** 2 km
- D** 0.5 km

SECTION A MULTIPLE CHOICE ANSWER GRID

Question number	A	B	C	D
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SECTION B (60 marks)
Answer **all** questions**21** Work out the following.

(a) $14\,025 + 3\,169$

Answer (a) [2]

(b) $60 \div \frac{1}{6}$

Answer (b) [2]

(c) $\frac{2}{5} + \frac{3}{7}$

Answer (c) [2]

(d) $1.075 - 0.63$

Answer (d) [2]

(e) 34.18×5

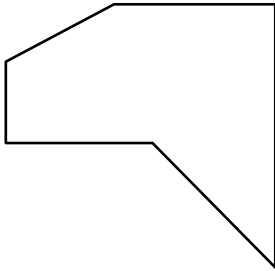
Answer (e) [2]

22 (a) Draw all the lines of symmetry on the rectangle below.



[2]

(b) The figure shows a polygon.



Name the polygon.

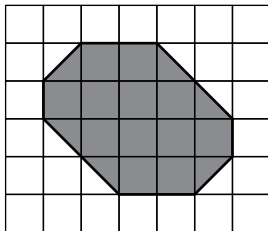
Answer (b) [1]

(c) A circle has a diameter of 36 cm.

Calculate the radius of the circle.

Answer (c) cm [2]

(d) Look at the diagram below.



Find the area of the shape.

Answer (d) square units [2]

23 (a) Convert:

(i) 38 kg to g,

Answer (a)(i) g [2]

(ii) 180 months to years.

Answer (a)(ii) years [2]

(b) Mandy is 4 years older than Anele.

The sum of Mandy and Anele's ages is 28 years.

Find Anele's age.

Answer (b) [3]

(c) Thabiso takes 2 minutes to brush his teeth.

He brushes his teeth twice a day.

Calculate the number of minutes Thabiso takes to brush his teeth in 2 weeks.

Answer (c) minutes [3]

24 (a) The table below shows the price list for some household items.

Bread.....	E16.50
Salt.....	E9.20
Sugar.....	E27.30

Calculate the cost of buying:

(i) All three items,

Answer (a)(i) E [2]

(ii) One loaf of bread and three packets of sugar.

Answer (a)(ii) E [3]

(b) Phetsile buys a dress for E250.

She later sells the dress making a loss of E30.

(i) Calculate the selling price of the dress.

Answer (b)(i) E [2]

(ii) Calculate the percentage loss.

Answer (b)(ii) % [3]

25 (a) Write 825 in expanded form.

Answer (a) [1]

(b) Find the number of years from 150 BC to 230 AD.

Answer (b) years [2]

(c) Round off the decimal 279.462 to

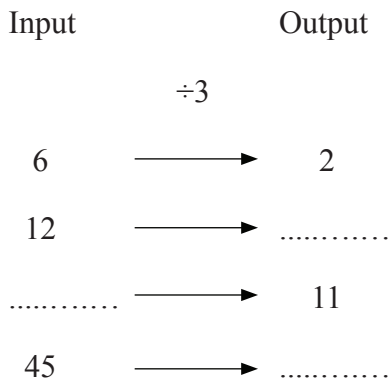
(i) the nearest whole number

Answer (c)(i) [1]

(ii) the nearest tenths

Answer (c)(ii) [1]

(d) Complete the mapping diagram:



[3]

26 (a) Mr Matsaba's trip to work and back home is a distance of 90 km.

How far is Mr Matsaba's workplace from home?

Answer (a)(i) km [2]

If he travels 1 980 km, how many trips would he make?

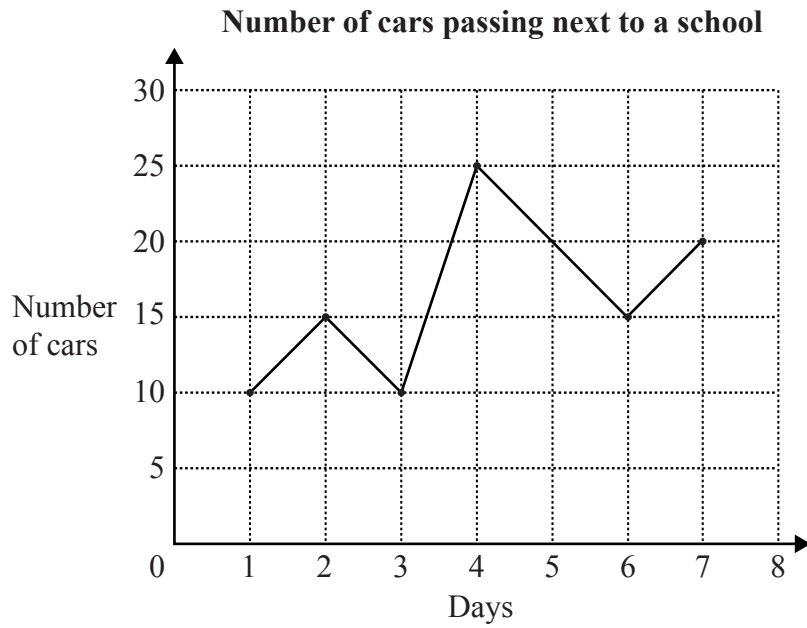
Answer (a)(ii) [2]

(b) A ship is full when it has twenty cars on board.
It is also full when it has twelve trucks on board.
The ship never carries cars and trucks at the same time.
The ship made five trips and was full on each trip.
It carried a total of 84 cars and trucks.

How many cars did the ship carry altogether in the five trips?

Answer (b) cars [3]

27 The diagram below shows a line graph of cars passing next to a school.



Look carefully at the line graph and answer the following questions:

(a) How many cars were recorded in Day 5?

Answer (a) [1]

(b) What is the highest number of cars recorded?

Answer (b)..... [1]

(c) On which days were 15 cars recorded?

Answer (c) [2]

(d) What is the difference between the number of cars for Day 3 and Day 6?

Answer (d) [2]

(e) How many cars in total passed next to the school in the seven days?

Answer (e) [2]

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