EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Primary Certificate

CANDIDATE NAME	
CENTRE NUMBER	
CANDIDATE NUMBER	

MATHEMATICS **212/01**

Paper 1 **For examination from 2025 - 2027**

SPECIMEN **1 hours 30 minutes**

Candidates answer on the Question Paper.

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.

Electronic 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 10×7

A 70 **B** 0.7 **C** 107 **D** 17

	A	**B**	**C**	**D**
40	⊠			

1 Which of the following is the largest odd number that can be made using the digits: 5, 6, 7, 8 ?

A 8 756

B 8 765

C 8 567

D 8 675

2 Which of the following is a set of the first five square numbers?

A 2, 4, 6, 8, 10

B 1, 3, 5, 7, 9

C 4, 8, 16, 20, 24

D 1, 4, 9, 16, 25

3 What number must be subtracted from 280 400 to get 267 600?

A 7 200

B 27 200

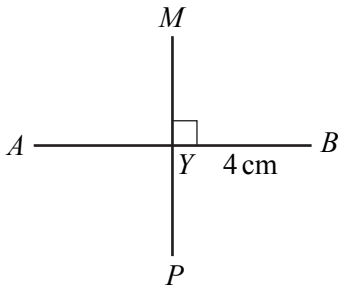
C 12 800

D 548 000

4 The diagram shows lines *AB* and *MP*.

Line *MP* passes through the midpoint of *AB* and at a right angle.

Line *YB* is 4cm long.



Choose the correct statement about the line segments.

A *MP* is perpendicular to *AB* and *AB* is 8 cm long

B *AB* is parallel to *MP* and *AB* is 8 cm long

C *MP* is perpendicular to *AB* and *AB* is 4 cm long

D *AB* is parallel to *MP* and *YB* is 4 cm long

5 Find the next three numbers of the pattern $\frac{1}{3}, \frac{1}{5}, \frac{1}{7}, \frac{1}{9}, \ldots$ from the following.

A $\frac{1}{4}, \frac{1}{6}, \frac{1}{8}$

B $\frac{1}{10}, \frac{1}{11}, \frac{1}{12}$

C $\frac{1}{10}, \frac{1}{13}, \frac{1}{15}$

D 11, 13, 15

6 A movie is 2 hours 15 minutes long.

It plays and ends at 4.00 pm.

Find the starting time of the movie.

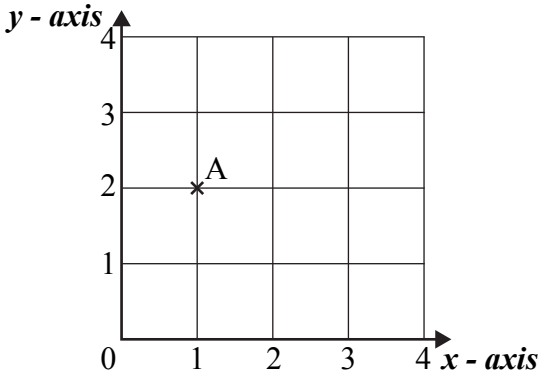
A 1.45 pm

B 6.15 pm

C 2.45 pm

D 1.15 pm

7 The diagram shows point *A*.



What are the cordinates of point A ?

A (2, 1)

B (1, 2)

C (2, 2)

D (1, 3)

8 A dress costing E300 has a discount of 25%.

How much is the discount of the dress?

A E75

B E325

C E225

D E375

9 Owakhe wants to collect data about Mathematics topics from the Grade 7 learners in his school.

Choose one question from the following that would be most appropriate for his data collection.

A What time does a Mathematics class start on Tuesday?

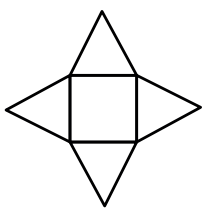
B What is your favourite topic in Mathematics?

C How many students are in your Mathematics class?

D Who is your Mathematics teacher?

10 Choose the net of a pyramid from the following:

A



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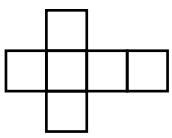

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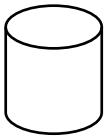

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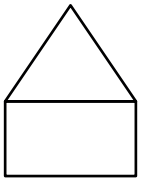


11 Convert 8 250 cents to Emalangeni

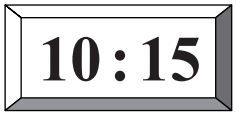
A E825.00

B E8.25

C E82 500.00

D E82.50

12 Look at the time shown on the digital clock.



What is the time shown?

A quarter to ten

B ten past fifteen

C quarter past ten

D half past ten

13 What is the relationship between the radius of a circle and its diameter?

A The radius is twice the diameter

B The diameter is twice the radius

C The diameter is half the radius

D The radius is three times the diameter

14 What is the property of a regular polygon?

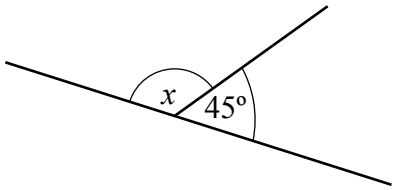
A faces are the same

B angles have different sizes

C sides are of different length

D sides are of equal length

15 The diagram shows angles in a straight line.



Find the size of angle *x*.

A 135°

B 45°

C 225°

D 315°

[Turn over

16 Which one is the best unit for measuring the mass of a box of crayons?

A centimetres

B millilitres

C grams

D kilograms

17 Convert 65 litres to millilitres.

A 650 millilitres

B 65 000 millilitres

C 0.65 millilitres

D 6 500 millilitres

18 What is the name of an angle that is greater than 90° but less than 180° ?

A Obtuse angle

B Reflex angle

C Acute angle

D Right angle

19 A square has each side equal to 12 cm.

Calculate the area of the square.

A 48 cm

B 48 cm^2

C 144 cm

D 144 cm^2

20 Round off 4 835 to the nearest 100.

A 4 900

B 48

C 4 800

D 800

Question number	A	B	C	D
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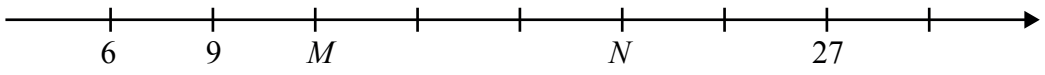
21 (a) Study the number line below.



State the values of M and N

Answer (*a*) M = ……

N = ……..……..…….. [2]

(b) Find the number of hundreds that must be added to 99 000 to make 100 000.

Answer (*b*) ……..…… [2]

(c) Convert $2\frac{4}{7}$ to an improper fraction.

Answer (*c*) …… [2]

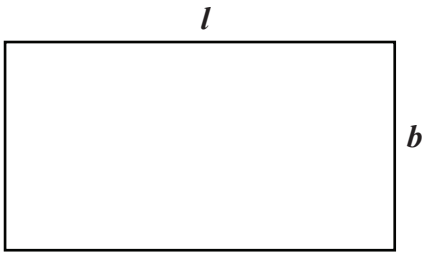
(d) Find highest common factor of 4 and 8.

Answer (*d*) …… [1]

(e) State the number of lines of symmetry in a regular hexagon.

Answer (*e*) …… [1]

22 Sanele walks around a rectangular garden which is of length, ***l*** metres and breadth, ***b*** metres.



(a) Express the perimeter of the garden using l and b.

Answer (*a*) ..... [1]

(b) Express the area of the garden using l and b.

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

(c) Sanele measures the perimeter of the garden and finds it to be 56 metres.

The length of the garden is 16 metres.

Calculate the breadth of the garden.

Answer (*c*) ..... m [3]

[Turn over

23 (a) Anathi sells shoes for E70.00

She earns E12.00 for every pair of shoe she sells.

Calculate the amount of money she earns from selling shoes amounting to E2 100.00

Answer (*a*) E…… [3]

(b) A packet of 4 oranges costs E12.00.

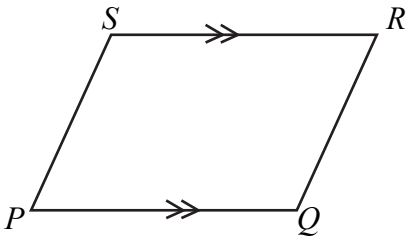
Explain, in words, how you would find the cost of 32 oranges.

……

……

……..…… [2]

(c) The diagram below shows parallelogram *PQRS*.



(i) Name two lines that are parallel in quadrilateral *PQRS*.

Answer (*c*)(i) ……..…… and ……...…… [1]

(ii) Using capital letters, name an acute angle and an obtuse angle.

Answer (c)(ii) Acute angle ……

Obtuse angle ……..…… [2]

24 The table shows the number of words learners can type in 6 minutes

Learner	Number of words typed in 6 minutes
Avuyile	335
Buhle	297
Christina	288
Darrel	350

(a) Name the learner who was the fastest in typing.

Answer (*a*) ..... [1]

(b) Write the number of words typed by Buhle.

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

(c) Calculate the difference between the number of words typed by Avuyile and Christina.

Answer (*c*) ..... [2]

(d) Avuyile and Darrel typed a total of 2 740 words for the same amount of time.

Calculate the amount of time they took to type.

Answer (*d*) ..... minutes [4]

25 Work out the following.

(a) 8.75 – 3.2

Answer (*a*) ..... [1]

(b) $\frac{3}{4} \times \frac{1}{8}$

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

(c) $\frac{5}{6} \div 4$

Answer (*c*) ..... [2]

(d) $\frac{1}{3} \times 810$

Answer (*d*) ..... [2]

(e) 10% of 90

Answer (*e*) ..... [2]

26 (a) Temahlanti wants to draw up a budget for fruits in preparation for her class party.
There are 25 learners in her class.
Each learner must get four different fruits.

Fill in the table by stating the number of packets she needs to buy for each fruit.

Items	**Number of packets to buy**
A packet of 12 apples	
A packets of 30 oranges	
A packet of 8 peaches	
A packet of 18 bananas	

[4]

(b) Mr Mhlanga asks his two learners to write 2.3 km in metres.

The learners give the following answers:

Angel – 230 metres

Hleliwe – 2 300 metres

(i) Who gives the correct answer?

Answer (*b*)(i) …… [1]

(ii) Give a reason why the other learner's answer is not correct.

……

……. [1]

(c) Mrs Khumalo buys 50 kg food for her 4 dogs.
After 13 days, 24 kg of the food was remaining.
The dogs eat the same amount of food.

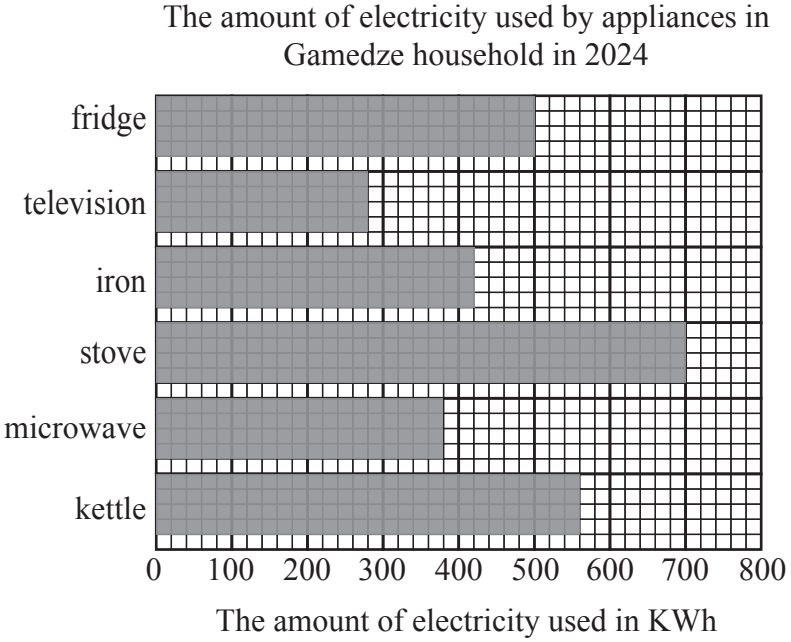
Calculate the amount of food eaten by each dog in one day.

Give your answer in grams.

Answer (*c*) ……..…… g [4]

[Turn over

27 The bar chart shows the amount of electricity used by appliances in a Gamedze household in the year 2024.



(a) State the appliance that used the least amount of electricity.

Answer (*a*) ……... [1]

(b) State the amount of electricity that was used by the microwave.

Answer (*b*) ……..… KWh [1]

(c) State the appliance that used 420 KWh.

Answer (*c*) …… [1]

(d) Calculate the sum of the amounts of electricity used by the stove and kettle.

Answer (*d*) ……..…… KWh [2]

(e) Calculate the total amount of electricity used by the Gamedze household in 2024.

Answer (*e*) ……..… KWh [3]

26 (a) Write the missing numbers of the following pattern:

4.5, 4.25, _____ , 3.75, 3.5, _____ , 3 [2]

(b) Look at the worked out problem below:

2 973 ÷ 1000 = 2.973

Explain what happens to the place value of 9 when 2 973 is divided by 1000.

……

……

…… [2]

(c) Describe what happens to the size of a shape under a reflection

…… [1]

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