EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Primary Certificate

CANDIDATE
NAME

CENTRE
NUMBER

CANDIDATE
NUMBER

MATHEMATICS **212/01**

PAPER 1 **October/November 2020**

1 hour 30 minutes

Additional materials: Geometrical instruments
Tracing paper (optional)

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on the spaces provided.

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

You may use an HB pencil for any diagrams and graphs.

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

Answer **all** questions.

Electronic calculators should **no**t 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.

All working should be clearly shown below each question.

The total of the marks for this paper is 100.

For Examiner's Use	
Section A	
Section B	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
Total	

This document consists of **20** printed pages.

[Turn over

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 $11 + 4$.

A 3 **B** 7 **C** 15 **D** 30

Answer:

	A	B	C	D
40			✕	

1 Choose a pair of odd numbers from the following.

A 68 and 70

B 69 and 73

C 86 and 89

D 74 and 67

2 Work out $6 \times 0 \times 5$.

A 0

B 10

C 110

D 300

3 Write 10010 in words.

A One hundred and ten

B One thousand and ten

C Ten thousand and zero

D Ten thousand and ten

4   Calculate 5.6 – 2.521.

    A   3.079

    B   3.121

    C   7.121

    D   8.121

5   Which of these statements is true about a rectangle?

    A   All angles are equal.

    B   All sides are equal.

    C   It has four lines of symmetry.

    D   The sum of interior angles is 180°.

6   Identify the number which is **not** a prime number.

    A   11

    B   13

    C   27

    D   41

7   Vuli left home at 8.00 p.m. and returned after six hours.

    At what time did he return?

    A   2.00 p.m.

    B   1.00 a. m.

    C   2.00 a.m.

    D   3.00 p.m.

8   Calculate the size of angle *a*.

   A   46º

   B   48º

   C   58º

   D   90º
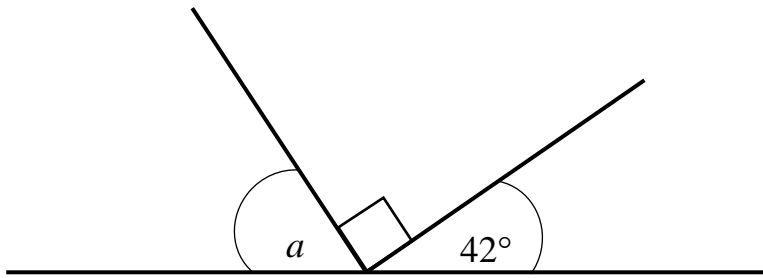
9   Change 800 centimetres into metres.

   A   0.08 metres

   B   0.8 metres

   C   8 metres

   D   80 metres

10   Work out the total number of days in the months, June and July.
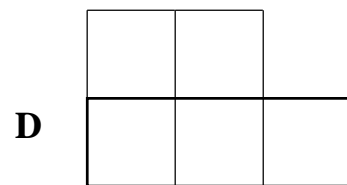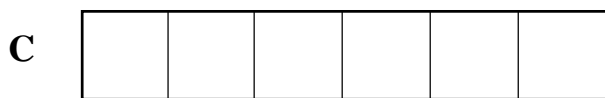
   A   59

   B   60

   C   61

   D   62

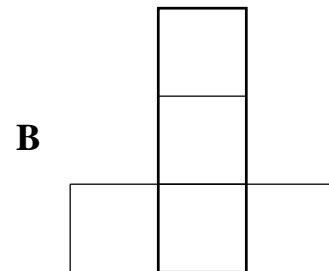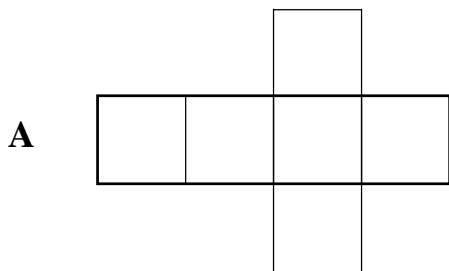**11**   What is **8** Thousands **3** Hundreds **0** Tens **9** Ones equal to?

    A   8903

    B   8309

    C   8039

    D   3809

12   Choose, from the following, a number which is less than 6.001.

    A   6.011

    B   6.0

    C   6.101

    D   6.1

13   Which shape can be folded to form a closed box?

14 The sum of 328 and 635 is subtracted from the product of 10 and 100.

Choose a number sentence that describes the above statement.

A $(328 + 635) - (10 \times 100)$

B $(635 - 328) - (100 \div 10)$

C $(100 \times 10) - (635 + 328)$

D $(100 \div 10) - (328 + 635)$

15 Work out $4 + 2 \times 4$.

A 10

B 12

C 24

D 32

16 What is the perimeter of an equilateral triangle with each side equal to 15 cm?

A 15 cm

B 30 cm

C 45 cm

D 60 cm

17 How many 500 grams are there in 8 kilograms?

A 4

B 14

C 16

D 32

18   A lorry travels 255 km in 5 hours.

How far does it travel in one hour?

A   39 km

B   42 km

C   51 km

D   510 km

19   Which of the following sets of numbers are factors of 54?

A   {6, 8, 9}

B   {2, 3, 8}

C   {3, 9, 18}

D   {6, 9, 14}

20   Anele and Tenele are sisters.
In 2019 Anele was six years old and Tenele was fifteen years old.

When will Tenele be twice as old as Anele?

A   2021

B   2022

C   2023

D   2024

SECTION A MULTIPLE CHOICE ANSWER GRID

Question number	A	B	C	D
1				
2				
3				
4				
5				
6				
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9				
10				
11				
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14				
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17				
18				
19				
20				

SECTION B [60 marks]

Answer **all** questions.

21   Work out.

   (a)   43 + 217

Answer (a)…………………………[2]

   (b)   18 ÷ 4

Answer (b)…………………………[2]

   (c)   23.14 – 9.5

Answer (c)…………………………[2]

   (d)   240 ÷ 3 × 8

Answer (d)…………………………[2]

   (e) $\dfrac{1}{6} \times \dfrac{3}{4}$

Answer (e)…………………………[2]

22 **(a)** Round off 0. 383 to the nearest tenth.

Answer (a)……….……………….[1]

(b) Siphesihle can run 8.702 km in one hour.

Jabulani can run 5.973 km in one hour.

Find the difference of their distances.

Answer (b)…………………………….km [2]

23 **(a)** Convert 0.35 into a fraction in its simplest form.

Answer (a)…………………………[2]

(b) Work out;

    9 weeks   4 days

+ 6 weeks   4 days

Answer (b)…………………………[2]

(c) Linda spent E4.50 on buying a pen.

On buying an exercise book, he spent E1.20 more than on buying a pen.

How much money did Linda spend on buying the pen and exercise book?

Answer (c)…………………………..[3]

24 **(a)** Arrange the following numbers in order of size, starting with the largest.

27 048, 20 784, 27 840, 24 807

Answer (a)……………………………………………….………..[2]

(b) Mrs Khumalo prepared 3.5 litres of orange juice to serve her guests.

She poured exactly 400 *ml* of orange juice into each cup.

(i) Find the highest number of cups of orange juice that she served her guests.

Answer (b)(i)………………………….[3]

(ii) How much orange juice was left?

Answer (b)(ii)……………………………[3]

25 **(a)** Seluleko has E18.

Every week, he saves E4.

Complete the table below to show the amount of money he has at the end of each week.

Week	Amount of money at the end of each week(E)
1st Week	
2nd Week	
3rd Week	

[3]

(b) How much more money did he have in the 3rd week than in the 1st week?

Answer (b)……………………………[2]

26 **(a)** The table shows the types of fruits that a group of 60 children like.

Types of Fruits	Number of Children
apples	15
oranges	20
pears	……….
mangoes	5
bananas	10

(i) Calculate the number of children who like pears.

Answer (a)(i)………..……………….. [2]

(ii) Write the number of children who like apples as a fraction.

Answer (a)(ii) …………………………[1]

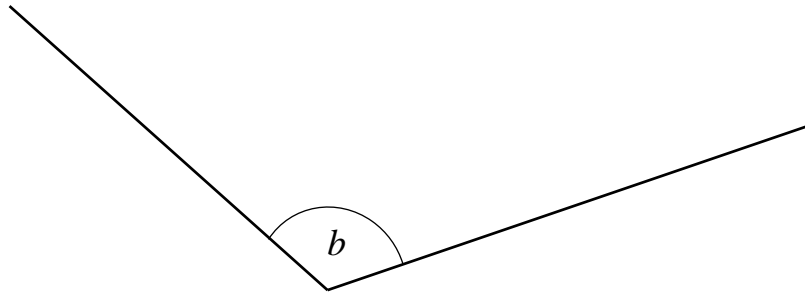**(iii)** Calculate the sector angle of children who like oranges.

Answer (a)(iii)………………………[3]

(b) Complete the **bar** chart on the grid to represent the number of children who like the five fruits.
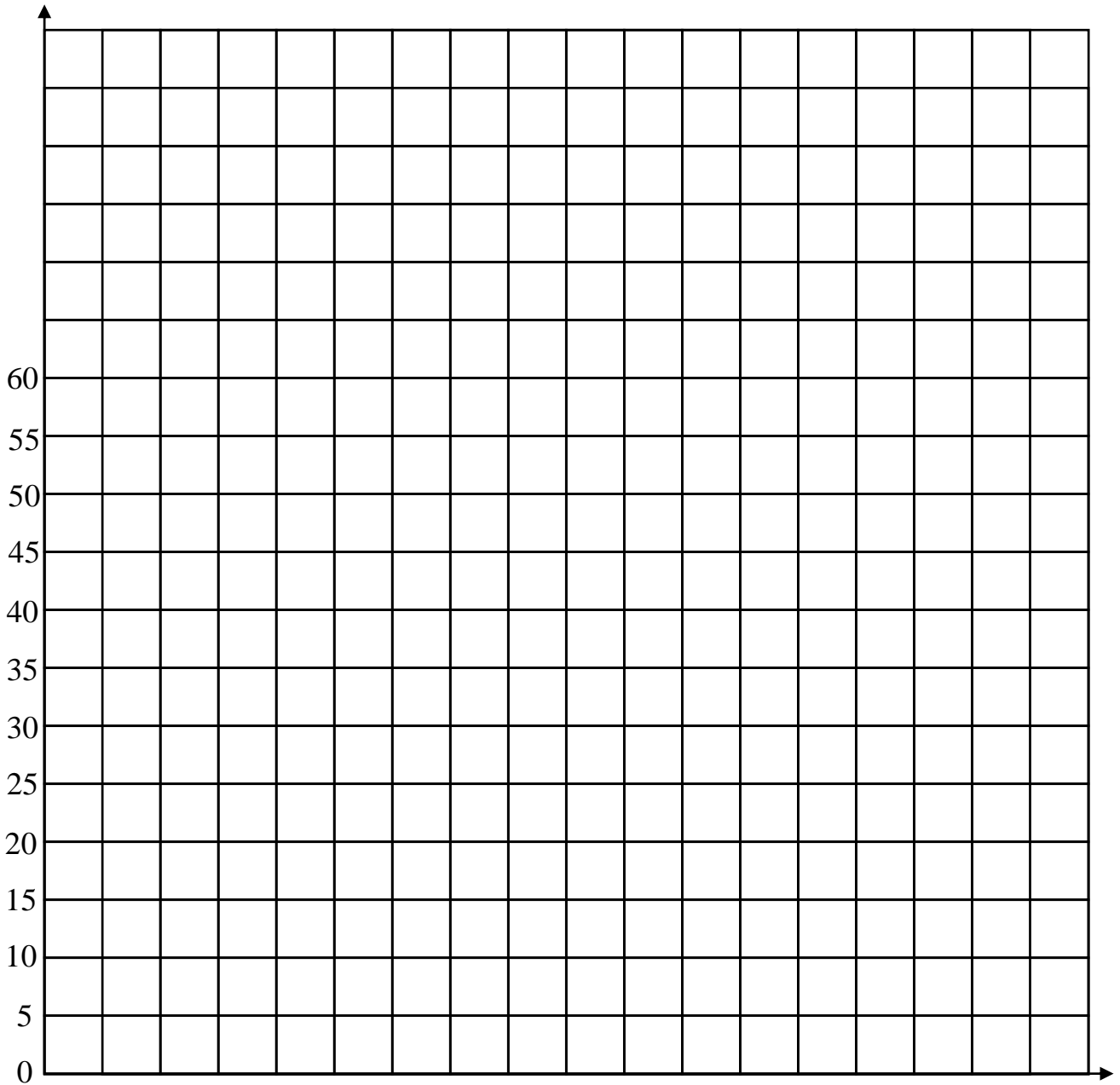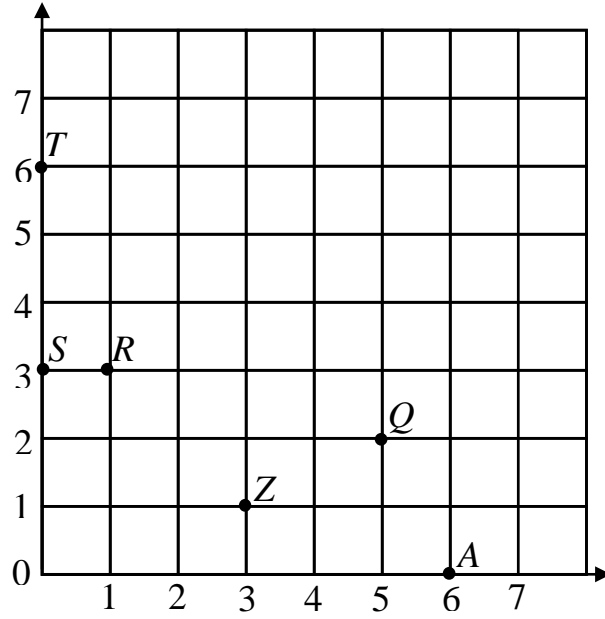

[4]

27 **(a)** **(i)** Measure angle b in the figure below.

Answer (a)(i) $b =$ ………………………… [1]

(ii) write down the name of angle b.

Answer (a)(ii)………………….………. [1]

(b)

From the grid which point is located at;

(i)   (6,0)

Answer (b)(i)…………..……………[1]

(ii)   (3,1)

Answer (b)(ii)…………………..[1]

(iii)   (5, 2)

Answer (b)(iii)…………………..[1]

28 **(a)** A bank gives 5% interest in a year.
There is E1500 in the account.

Calculate the interest after a year.

Answer (a)……………………….[2]

(b) Kayise bought a music system for E6 385.
She spent E80 on transporting the music system.
She later sold the music system for E7 300.

Calculate her profit.

Answer (b)…………………….[3]
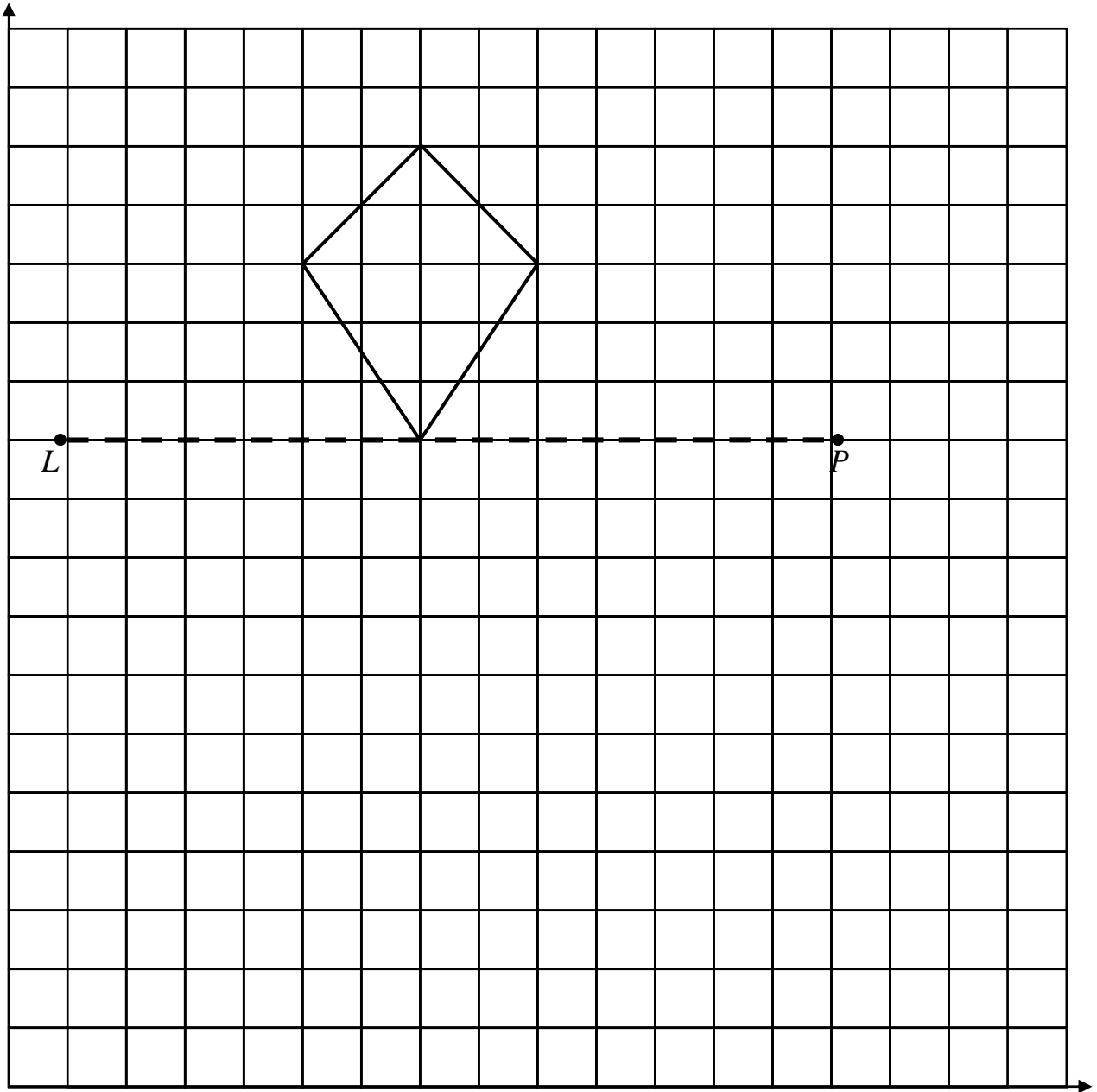
29   **(a)**   In a grade 5 class, there are 6 lessons per day.
Each lesson takes 40 minutes.

How long do all the lessons take?

Answer (a)…………………………[2]

(b)   Mbhamali drives 40 km to work.
For every 10 km that he drives, his car uses 2 litres of petrol.

How many litres of petrol does the car use?

Answer (b)…………………………[2]

30   Reflect the figure using the mirror line *LP*.

[3]