603 / CA1 / 3

# MARIS STELLA HIGH SCHOOL (PRIMARY)
## CONTINUAL ASSESSMENT 1
## PRIMARY 6 MATHEMATICS
## 1 MARCH 2022
## PAPER 1
## (BOOKLET A)

15 questions

20 marks

Total Time for Booklets A and B: 1 hour

NAME : _____ (  )

CLASS : PRIMARY 6 _____

**INSTRUCTIONS TO CANDIDATES**

1. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
2. FOLLOW ALL INSTRUCTIONS CAREFULLY.
3. ANSWER ALL QUESTIONS.
4. SHADE YOUR ANSWERS IN THE OPTICAL ANSWER SHEET (OAS) PROVIDED.
5. YOU ARE NOT ALLOWED TO USE A CALCULATOR.

**Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (20 marks)**

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1. Round 876 594 to the nearest thousand.

   (1) 870 000
   (2) 876 000
   (3) 876 600
   (4) 877 000

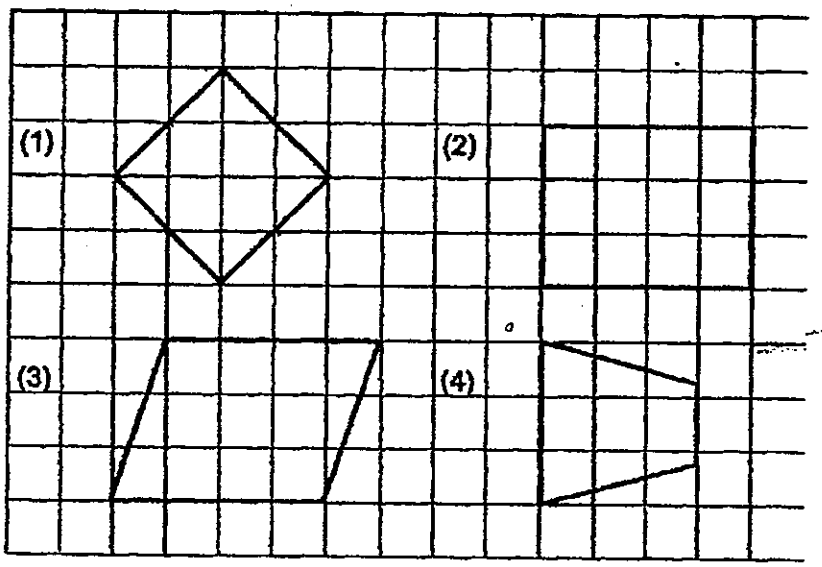
2. 9 hundreds, 4 tenths and 5 thousandths is _____.

   (1) 940.005
   (2) 900.540
   (3) 900.405
   (4) 900.045

3. Which of the following fractions is greater than $\frac{1}{4}$?

   (1) $\frac{2}{9}$
   (2) $\frac{4}{7}$
   (3) $\frac{1}{8}$
   (4) $\frac{2}{11}$

4. Which of the shapes below is a rhombus?




5. After making a $\frac{3}{4}$—turn in a clockwise direction, Susan is facing North-east. In which direction was Susan facing at first?

(1) South-west
(2) South-east
(3) North-west
(4) East

6. Hakim paid $8 for 20 pencils. What was the cost of each pencil?

(1) $0.25
(2) $0.40
(3) $2.50
(4) $4.00

7. Which of the following would most likely be the height of the door of a classroom?

(1) 2.1 m
(2) 2.1 cm
(3) 21 m
(4) 21 cm

8. A machine can produce 80 cans in 3 minutes. At this rate, how many cans can it produce in 2 hours?

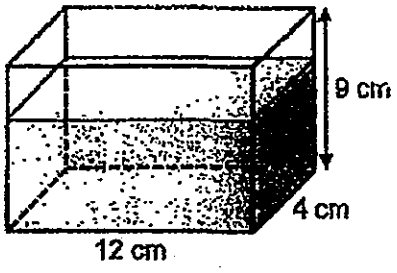
(1) 1600
(2) 3200
(3) 4800
(4) 9600

9. How many two-eighths are there in $1\frac{3}{4}$?

(1) 6
(2) 7
(3) 11
(4) 14

10. The rectangular tank below is $\frac{2}{3}$ filled with water. How much more water is needed to fill the rectangular tank to the brim?

(1) 48 $cm^3$
(2) 144 $cm^2$
(3) 288 $cm^3$
(4) 432 $cm^3$



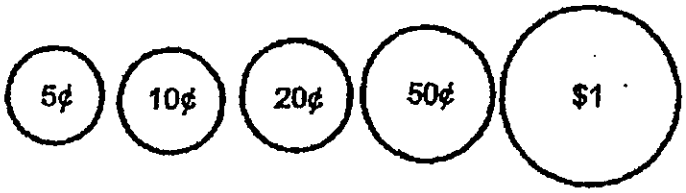
11. The rates of charges for taxi fare in a certain town are shown in the table.

| | |
|---|---|
| Up to first km | \$2.60 |
| For every additional km or part thereof | \$0.50 |

How much is Mr Fauzi's taxi fare for a journey of $7\frac{1}{2}$ km?

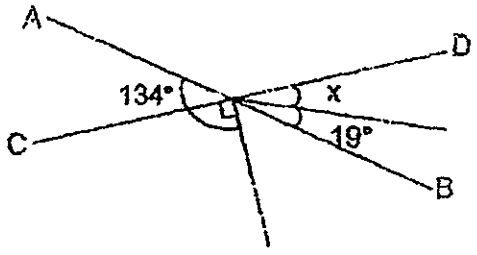
(1) \$5.85
(2) \$6.10
(3) \$6.60
(4) \$18.20

12. Elsa only had the following coins. She used 3 of the coins to pay for an eraser without receiving any change. How much did she pay for the eraser?



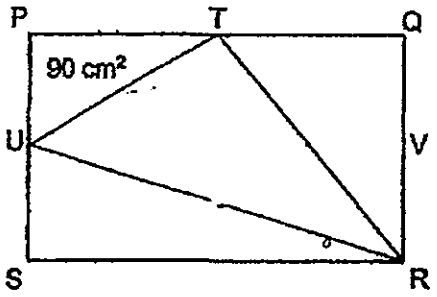

(1) \$1.75
(2) \$1.20
(3) \$0.65
(4) \$0.45

13. In the figure below, AB and CD are straight lines. Find ∠x




(1) 63°
(2) 46°
(3) 44°
(4) 25°

14. In the figure below, PU = US = QV = VR. T is the midpoint of PQ. Given that the area of the rectangle PQRS is 720 $cm^2$ and the area of triangle PTU is 90 $cm^2$, find the area of triangle TUR.




(1) 90 $cm^2$
(2) 180 $cm^2$
(3) 270 $cm^2$
(4) 360 $cm^2$

15. Ahmad and Bryan saved \$1260 altogether. $\frac{1}{2}$ of Ahmad's savings is equal to $\frac{2}{5}$ of Bryan's savings. How much money did Bryan save?

(1) \$140
(2) \$560
(3) \$700
(4) \$900

End of Booklet A
Go on to Booklet B

# MARIS STELLA HIGH SCHOOL (PRIMARY)
## CONTINUAL ASSESSMENT 1
## PRIMARY 6 MATHEMATICS
## 1 MARCH 2022

## PAPER 1
## (BOOKLET B)

15 questions

25 marks

Total Time for Booklets A and B: 1 hour

**NAME :** _____ (  )

**CLASS : PRIMARY 6** _____

**INSTRUCTIONS TO CANDIDATES**

1. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
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3. ANSWER ALL QUESTIONS
4. WRITE YOUR ANSWERS IN THIS BOOKLET
5. YOU ARE NOT ALLOWED TO USE A CALCULATOR.

| MARKS OBTAINED FOR | | |
|---|---|---|
| PAPER 1 (BOOKLET A) | / 20 | Parent's Signature: |
| PAPER 1 (BOOKLET B) | / 25 | _____ |
| TOTAL | / 45 | Date: _____ |

Questions **16** to **20** carry **1** mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

Do not write in this space.

16. Write nine million, two hundred and six thousand and thirty in numerals.

Answer: _____

17. Express 0.038 as a percentage.

Answer: _____ %

18. $24 : 15 = 40 : \square$

What is the missing number in the box?

Answer: _____

19. Express $1\frac{7}{9}$ as a decimal .Correctyour answer to 2 decimal places.

Answer: _____



SCORE

(Go on to the next page)

20. Helen left the library at 6:27 p.m. She took 45 min to travel from the library to the hawker centre. At what time did she reach the hawker centre? Give your answer in 24-hour clock.

Do not write in this space.

Answer: _____

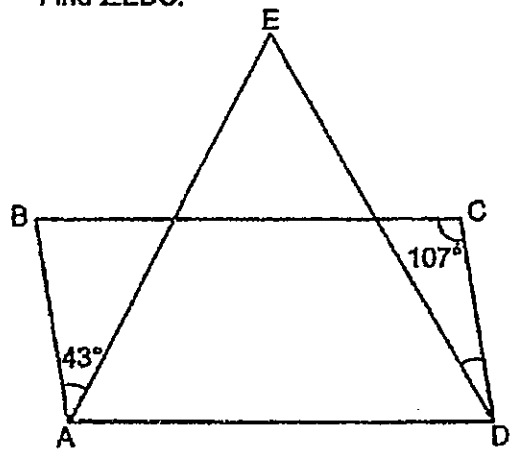


SCORE
(Go on to the next page)

**Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.** (20 marks)

Do not write in this space.

21. In the figure below, AED is an isosceles triangle and ABCD is a parallelogram. Find ∠EDC.




Answer: _____

22. Mdm Siti bought 0.9 kg of prawns at $36.45. How much did 100 g of prawns cost?

Answer: $ _____

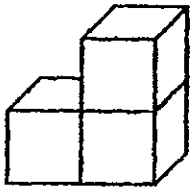


SCORE

(Go on to the next page)

23. The solid below was dipped completely into a pail of blue paint. It was then cut into 3 identical cubes and taken apart. The total unpainted area was 100 $cm^2$. What was the volume of each cube?

Do not write in this space.



solid

Answer: _____ $cm^3$

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24. A floral shop has 400 flowers. 30% of them are roses and the rest are sunflowers. How many sunflowers does the floral shop have?

Answer: _____



SCORE
(Go on to the next page)

25. Humin had 15 m of ribbon. She cut the ribbon into as many equal pieces as possible. Each piece of ribbon was $\frac{4}{5}$ m long. How much of the ribbon was left after that?

Do not write in this space.

Answer: _____ m

26. The usual price of a sofa set was $650. Salim bought it at a 20% discount. How much did Salim pay for the sofa set?

Answer: $ _____



SCORE

(Go on to the next page)

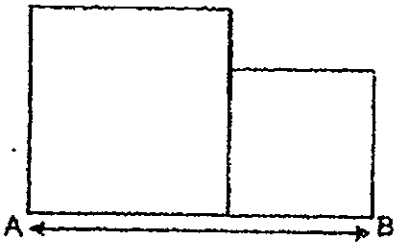
27. The table below shows the number of books borrowed by a class of 40 students. What percentage of students borrowed at least 2 books?

Do not write in this space.

| Number of books borrowed | Number of students |
|---|---|
| 0 | 6 |
| 1 | 10 |
| 2 | 13 |
| 3 | 8 |
| 4 | 3 |

Answer: _____%

28. The difference in the areas of the two squares below is 28 $cm^2$. Find the length of AB.




Answer: _____cm

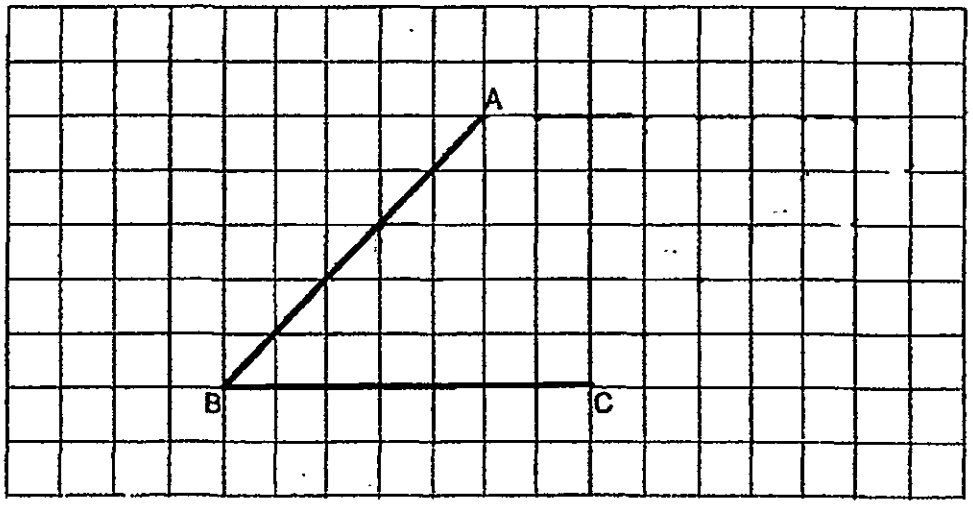


SCORE

(Go on to the next page)

29. In the square grid below, AB and BC are 2 sides of a parallelogram ABCD. Complete and label the parallelogram ABCD.

Do not write in this space.




30. Anna and Shawn had some stickers. After Anna gave Shawn $\frac{1}{4}$ of her stickers, Shawn had twice as many stickers as Anna. They had a total of 1170 stickers altogether. How many stickers did Anna give to Shawn?

Answer: _____

End of Booklet B



SCORE

SCHOOL : MARIS STELLA PRIMARY SCHOOL
LEVEL : PRIMARY 6
SUBJECT : MATH
TERM : 2022 CA1

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## PAPER 1 BOOKLET A

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|---|---|---|---|---|---|---|---|---|---|
| 4 | 3 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 |

| Q11 | Q12 | Q13 | Q14 | Q15 |
|---|---|---|---|---|
| 2 | 3 | 4 | 3 | 3 |

## PAPER 1 BOOKLET B

| | |
|---|---|
| Q16) | 9206030 |
| Q17) | 0.038×100=3.8% |
| Q18) | **25** |
| Q19) | 1.78 |
| Q20) | **19 12** |
| Q21) | **107-43=64**<br>**180-107-64=9** |
| Q22) | **900g=36.45**<br>**100g=36.45÷9=$4.05** |
| Q23) | **125cm³** |
| Q24) | **280** |
| Q25) | 15÷4/5=15/1×5/4=75/4<br>=18/3/4<br>3/4×4/5=3/5 |
| Q26) | **52** |
| Q27) | **24/40×100%=60%** |
| Q28) | **8+6=14** |
| Q29) | |

Q30) **1170÷9=130**

Paper 2

1) 40+35+75=150

150÷3=50

2) 960÷2=480

480×4=1920

1920ml=1.92l

3) **<VRT 90-66=24**

**<XRS 90-48=42**

**<RXS 90-42=48**

4) **4×3=12**

**12÷2=6**

5) **160+520+220+380=1280**

**1280÷4=320**

6) a) **18/25=72/100**

**=72%**

b) **1600÷25=64**

**64×10=640**

7) **2u=244+384+244=872**

**1u=436**

**3u=1308**

**1308-244=1064**