PAYA LEBAR METHODIST GIRLS' SCHOOL (PRIMARY)

END-YEAR-EXAMINATION 2020

PRIMARY THREE

MATHEMATICS
Paper 1

Name: _____ ( )

Class: Primary 3 _____

Date: 30 Oct 2020

Total Time for Sections A, B and C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all the instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.
5. All the figures in this paper are **not drawn to scale** unless stated otherwise.

	Marks Obtained / Maximum Marks
SECTION A	/ 30
SECTION B	/ 30
SECTION C	/ 20
TOTAL	/ 80

PARENT'S SIGNATURE: _____

Questions 1 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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (30 marks)

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1. In 4596, what does the digit 4 stand for?

   (1) 4000 (2) 400

   (3) 40 (4) 4 ( )

2. Find the missing number in the box.

   5409 , 5109 , ☐ , 4509 , 4209

   (1) 4809 (2) 4909

   (3) 5009 (4) 5209 ( )

3. Find the sum of 45 tens and 10 hundreds.

   (1) 55 (2) 550

   (3) 1450 (4) 4510 ( )

4. The difference between \$50 and \$11.90 is _____.

   (1) \$39.90 (2) \$39.10

   (3) \$38.90 (4) \$38.10 ( )

5. $5 \times 6 =$ _____ $\times 2$

(1) 15 (2) 28

(3) 30 (4) 60 ( )

6. What time does the clock below show?

(1) 15 minutes to 4 (2) 15 minutes past 4

(3) 15 minutes to 5 (4) 15 minutes past 5 ( )

7. Express 6 km 50 m in metres.

(1) 605 m (2) 650 m

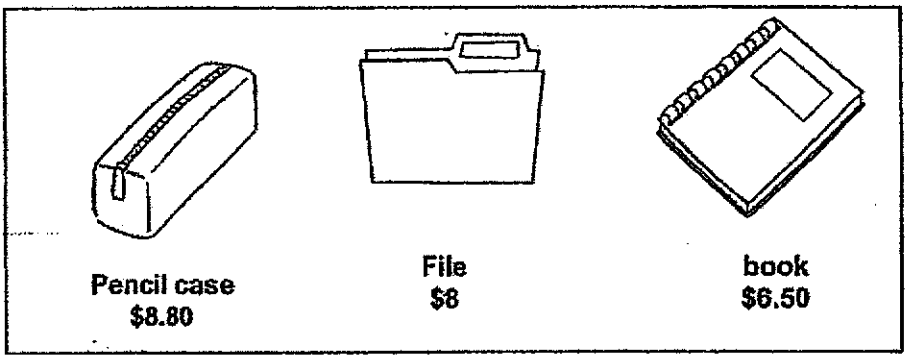
(3) 6050 m (4) 6500 m ( )

8. Which of the following is not equivalent to $\frac{2}{6}$?

(1) $\frac{1}{3}$ (2) $\frac{1}{2}$

(3) $\frac{3}{9}$ (4) $\frac{4}{12}$ ( )

9. Justin bought two items from a shop. He spent less than $15.
Which two items did he buy?



(1) two similar files (2) a book and a file

(3) a pencil case and a book (4) a pencil case and a file ( )

10. Tom started to work on a project from 8.30 a.m. to 3.40 p.m.
He took a lunch break for one-hour in between.
How long did he spend working on the project?

(1) 4 h 10 min (2) 5 h 10 min

(3) 6 h 10 min (4) 7 h 10 min ( )

11. Samad collected 3 times as many points as Gopal in an online game.
Gopal collected 375 points. How many points did they collect altogether?

(1) 125 (2) 500

(3) 1125 (4) 1500 ( )

12. Study the diagram below.

The mass of the watermelon in Figure 1 and Figure 2 is the same.

Find the mass of the bunch of bananas.

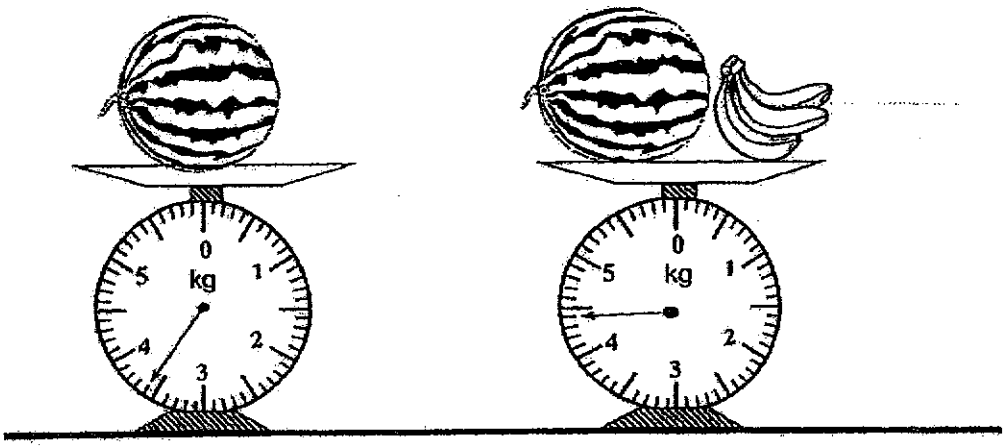


Figure 1 Figure 2

(1) 300 g (2) 800 g

(3) 1 kg 100 g (4) 1 kg 200 g ( )

13. Joshua ate $\frac{1}{8}$ of a pizza in the afternoon and $\frac{3}{4}$ of the same pizza during tea break.

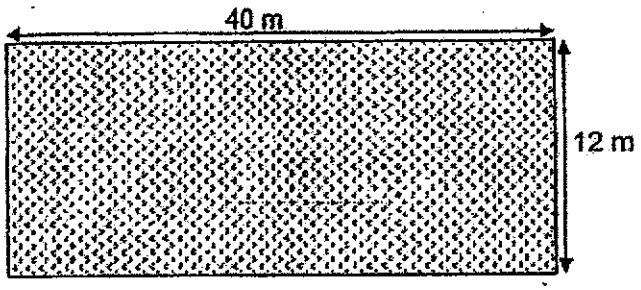
What fraction of the pizza was left?

(1) $\frac{1}{8}$ (2) $\frac{2}{8}$

(3) $\frac{5}{8}$ (4) $\frac{7}{8}$ ( )

14. The length of a rectangle field is 40 m. Its breadth is 12 m.

Jacob ran around the field twice. How far did he run?



(1) 104 m (2) 208 m

(3) 480 m (4) 960 m ( )

15. Fauziah was packing some marbles into 4 boxes. She wanted to pack 75 marbles into each of the boxes. However, she was short of 12 marbles. How many marbles did Fauziah have?

(1) 252 (2) 288

(3) 300 (4) 312 ( )

End of Paper 1

PAYA LEBAR METHODIST GIRLS' SCHOOL (PRIMARY)

END-OF-YEAR EXAMINATION 2020

PRIMARY THREE

MATHEMATICS
Paper 2

Name: _____ ( )

Class: Primary 3 _____

Date: 30 Oct 2020

Total Time for Sections A, B and C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
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3. Answer all questions.
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	Marks Obtained / Maximum Marks
SECTION B	/ 30
SECTION C	/ 20
TOTAL	/ 50

SECTION B

Questions 16 to 30 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (30 marks)

Do not write in this space

16. 6000 – 4599 = ☐

Find the missing number in the box.

Ans: _____

17. Find the value of

(a) 208 x 7

(b) 720 ÷ 6

Ans: (a) _____

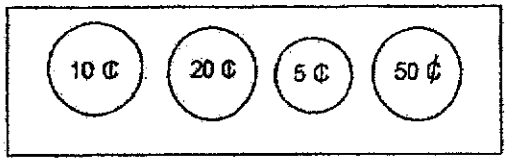
(b) _____

18. 4 children shared 50 sweets equally among themselves.
How many sweets were left over?

Ans: _____

Do not write in this space

19. (a) Find the amount of money shown below.

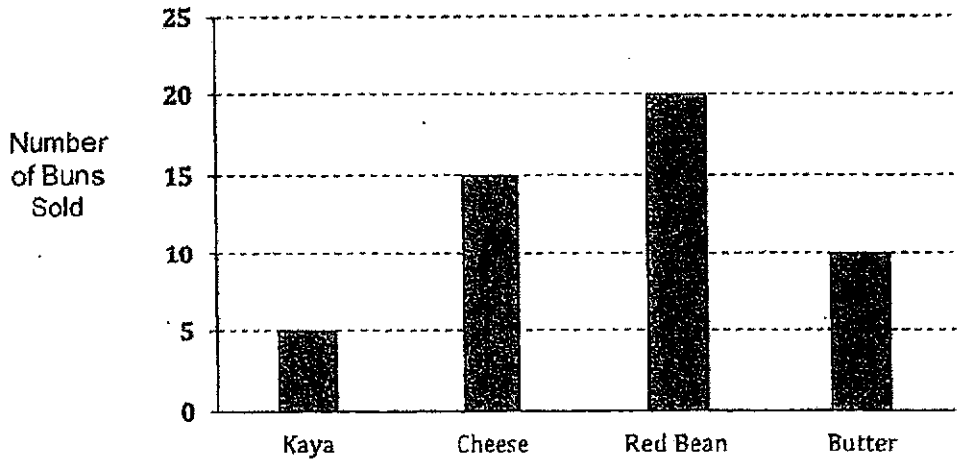


(b) Write 650¢ in dollars.

Ans: (a) _____ ¢

(b) $ _____

20. The graph below shows the number of buns sold by Mr Tan on Monday.



What was the total number of buns sold by Mr Tan on Monday?

Ans: _____

Do not write in this space

21. Find the value of

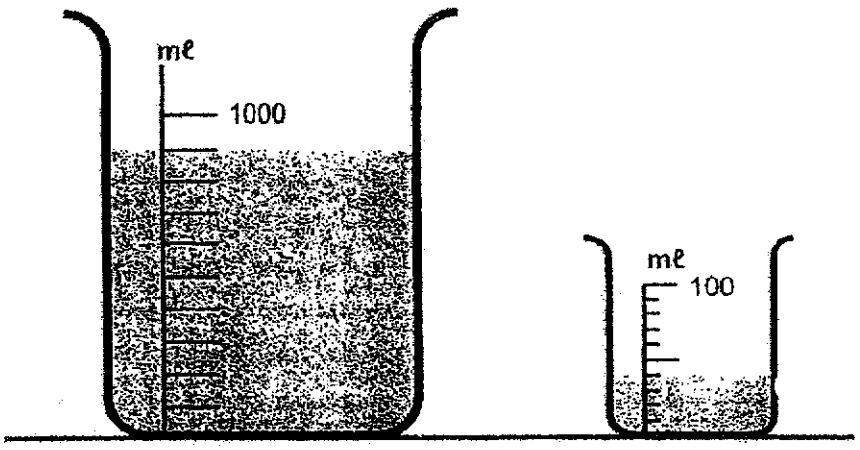
(a) $\frac{1}{12} + \frac{3}{4}$

(b) $1 - \frac{1}{9}$

Ans: (a) _____

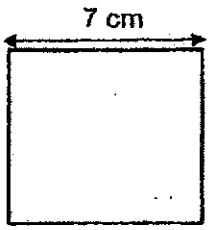
(b) _____

22. The two beakers contained some water.
How much water is in the beakers altogether?



Ans: _____ mℓ

23. The length of square is 7 cm. Find the area of the square.



Ans: _____ cm^2

Do not write in this space

24. Arrange the following numbers, beginning with the greatest.

9476	9977	9784	9748

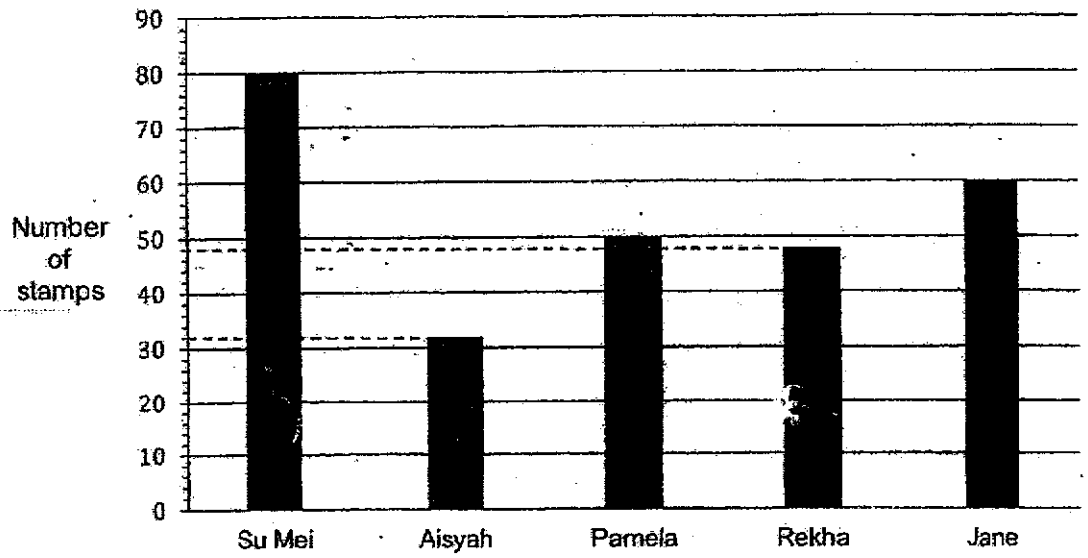
Ans: _____, _____, _____, _____
Greatest

25. 5 similar books and 6 similar files cost $64.
9 similar books and 6 similar files cost $96.
Find the cost of one such book.

Ans: $ _____

26. The bar graph below shows the number of stamps that five girls collected.

Do not write in this space



(a) How many child/children collected **more** than 50 stamps?

(b) How many fewer stamps did Rekha collect than Su Mei?

Ans: (a) _____

(b) _____

27. The figure below is made up of 12 identical triangles.

How many more such triangles must be shaded so that $\frac{2}{3}$ of the figure is shaded?

Do not write in this space

Ans: _____

28. Henry started doing his homework at 3.15 p.m.
He took 1 h 30 min to complete his work.
What time did he complete his work?

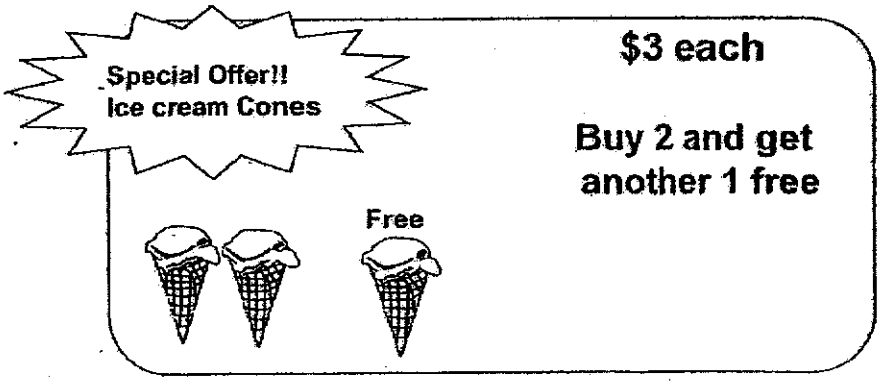
Ans: _____ p.m.

29. Kumar is 29 years old now. Five years ago, his sister was 19 years old.
How old will Kumar be when his sister is 35 years old ?

Do not write in this space

Ans: _____ years old

30. ABC supermarket had a special offer on ice cream cones.
Alice needed 4 ice cream cones.
What was the **least** amount of money Alice could have paid?



Ans: $ _____

SECTION C

For questions **31** to **36**, show your working clearly in the space provided for each question. The number of marks available is shown in brackets [ ] at the end of each question or part-question. Marks will be awarded for correct methods and answers. (20 marks)

Do not write in this space

31. At an amusement park, a total of 8645 tickets were sold in May and June.
In May, the amusement park sold 3826 tickets.

(a) How many tickets were sold in June?

(b) How many more tickets were sold in June than in May?

Ans: (a) _____ [1]

(b) _____ [2]

32. Anna has five times as many marbles as Vincent.
How many marbles must Anna give Vincent so that each will have 129 marbles?

Do not write in this space

Ans: _____ [3]

33. Sam had $70 more than Bryan. Charles had $20 less than Sam. They had a total of $294. How much money had Bryan?

Do not write in this space

Ans: _____ [3]

34. The first 4 figures of a pattern are shown below.

Do not write in this space

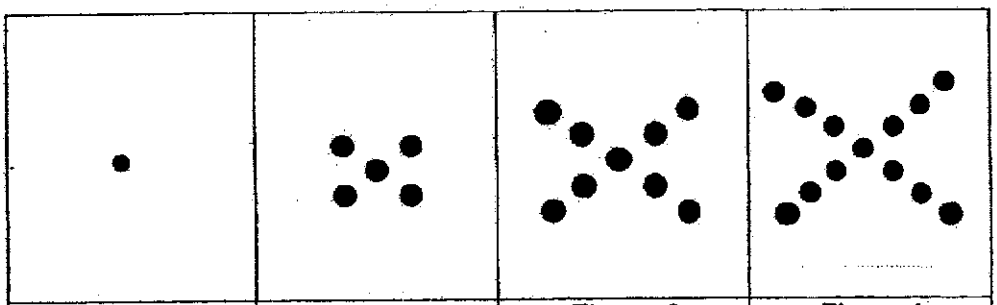


Figure 1	Figure 2	Figure 3	Figure 4

The table shows the number of dots used for each figure.

Figure Number	Total Number of Dots
Figure 1	1
Figure 2	5
Figure 3	9
Figure 4	13
Figure 5	(a) _____

[1]

(a) Fill in the table for Figure 5.

(b) Find the total number of dots in Figure Number 8.

(c) Which Figure Number has 93 dots?

(You may continue your working on this page:)

Ans: (b) _____ [1]

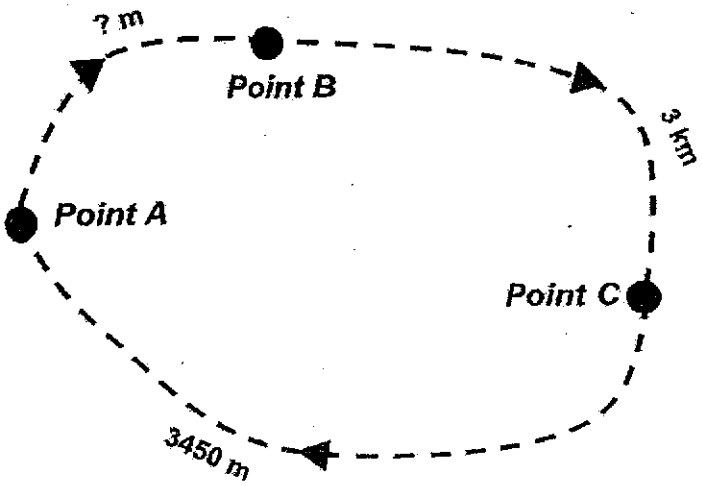
(c) _____ [2]

35. The distance between Point B and Point C is 3 km.
The distance between Point C and Point A is 3450 m.
The distance between Point A and Point B is 1850 m shorter than the distance between Point B and Point C.

Do not write in this space

(a) Find the distance between Point A and Point B.
Give your answer in metres.

(b) Bala cycled a complete round from Point A to Point B to Point C and then to Point A again. How far did he cycle?
Give your answer in kilometres and metres.

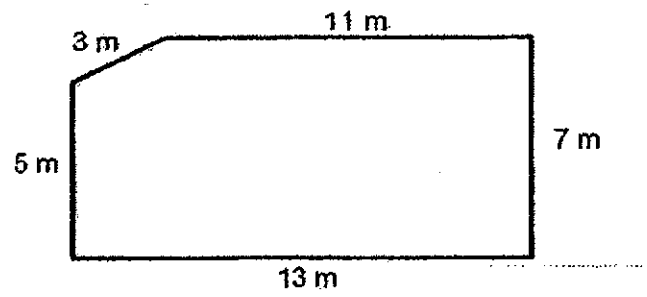


Ans: (a) _____ [2]

(b) _____ [2]

Do not write in this space

36. The figure below shows the outline of Mr Tan's garden.



(a) Find the perimeter of the garden.

(b) Mr Tan wants to fence up his garden.
How much must he pay if 1 m of fencing cost $9?

Ans: (a)_____ [1]

(b) _____ [2]

End of Paper 2

ANSWER KEY

YEAR : 2020
LEVEL : PRIMARY 3
SCHOOL : METHODIST GIRLS' SCHOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR

SECTION A

Q1	1	Q2	1	Q3	3	Q4	4	Q5	1
Q6	3	Q7	3	Q8	2	Q9	2	Q10	3
Q11	4	Q12	2	Q13	1	Q14	2	Q15	2

SECTION B

Q16	1401
Q17	a)1456 b)120
Q18	50÷4=12R2 Ans: 2
Q19	a)85¢ b)$6.50
Q20	20+15+10+5=50 buns
Q21	a)$\frac{10}{12}$ b)$\frac{8}{9}$
Q22	900+40=940
Q23	7×7=49
Q24	9977, 9784, 9748, 9476
Q25	96−64=32 9−5=4 32÷4=$8
Q26	80−48=32 a)2 b)32
Q27	$\frac{8}{12} - \frac{3}{12} = \frac{5}{12}$ Ans: 5

Q28	4.45 p.m.
Q29	19+5=24 35−24=11 29+11=40 years old
Q30	3+3=6 3+6=$9

SECTION C

Q31	8645−3826=4819 4819−3826=993 a)4819 b)993
Q32	129÷3=43 43×2=86
Q33	70−20=50 70+50=120 294−120=174 174÷3=$58
Q34	(a)17 (b)29 (c)Figure 24
Q35	3000−1850=1150 1150+3000+3450=7600 a)1150m b)7km600m
Q36	13+11=24 7+5=12 24+12=36+3=39 39×9=351 a)39m b)$351