

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)

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. $5 \times 6 = \underline{\hspace{1cm}} \times 2$

(1) 15

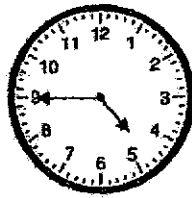
(2) 28

(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) 8050 m

(4) 6500 m

()

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

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

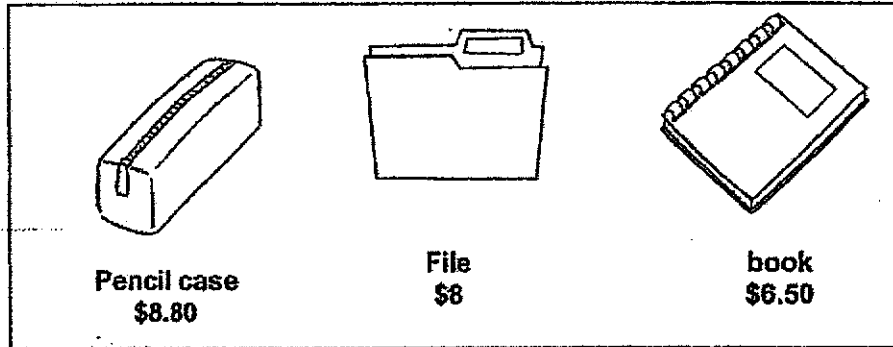
(2) $\frac{1}{2}$

(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?

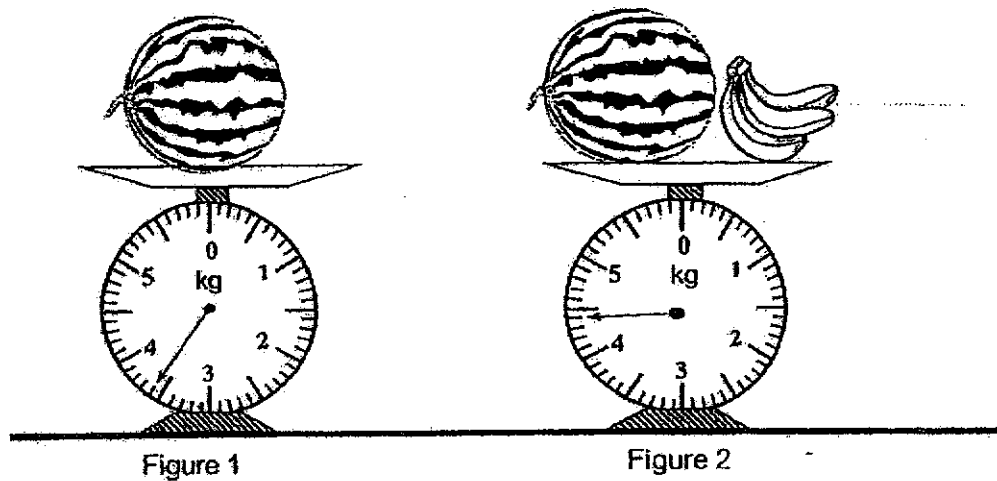


- (1) two similar files (2) a book and a file
- (3) a pencil case and a book (4) a pencil case and a file ()
10. Tom started to work on a project from 8.30 a.m. to 3.40 p.m.
He took a lunch break for one-hour in between.
How long did he spend working on the project?
- (1) 4 h 10 min (2) 5 h 10 min
- (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.



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

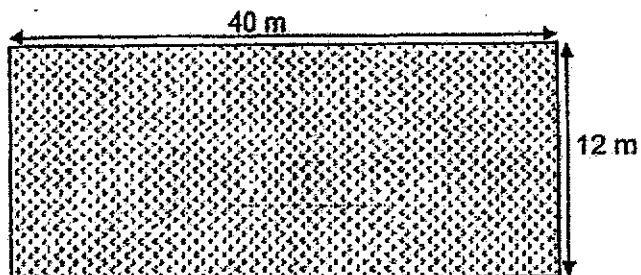
(3) $\frac{5}{8}$

(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

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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)

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write in
this space

16. $6000 - 4599 = \boxed{}$

Find the missing number in the box:

Ans: _____

17. Find the value of

(a) 208×7

(b) $720 \div 6$

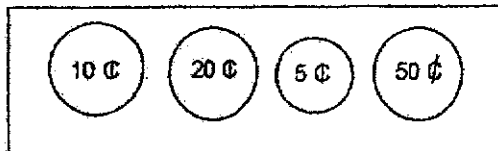
Ans: (a) _____

(b) _____

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

Ans: _____

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



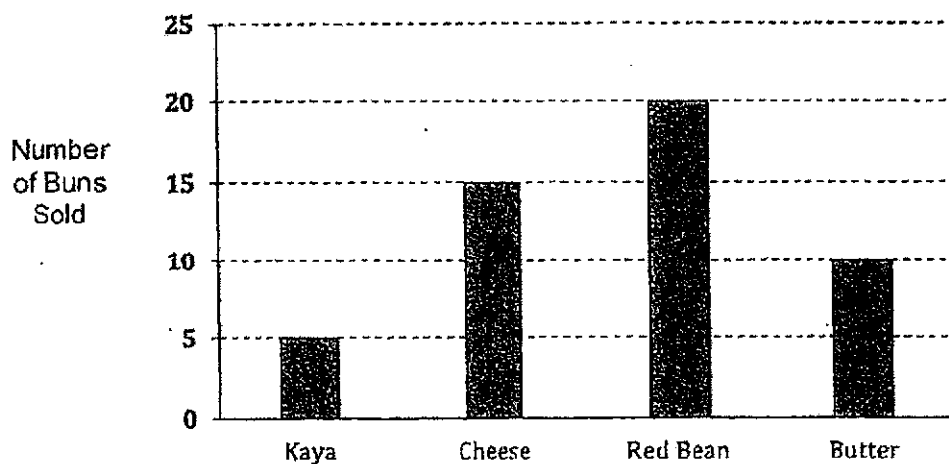
- (b) Write 650¢ in dollars.

Ans: (a) _____ ¢

(b) \$ _____

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this space

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: _____

21. Find the value of

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

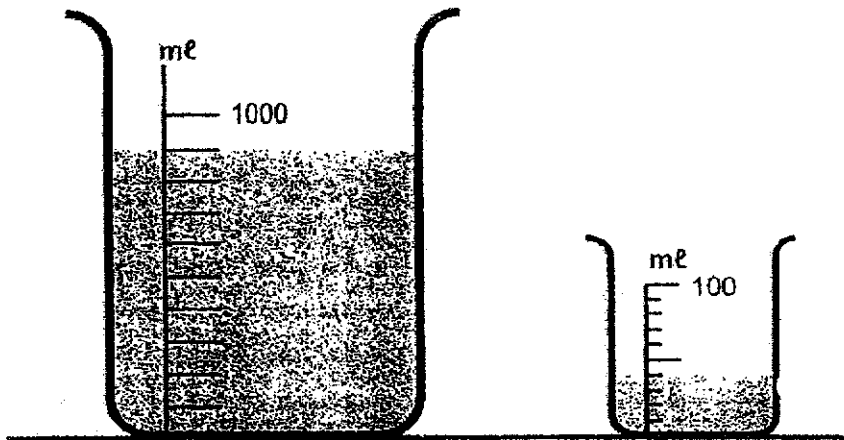
(b) $1 - \frac{1}{9}$

Ans: (a) _____

(b) _____

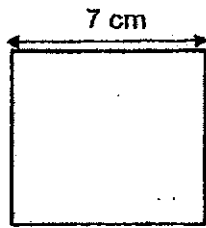
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22. The two beakers contained some water.
How much water is in the beakers altogether?



Ans: _____ ml

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



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this space

Ans: _____ cm²



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

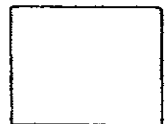


Ans: _____ , _____ , _____ , _____
Greatest

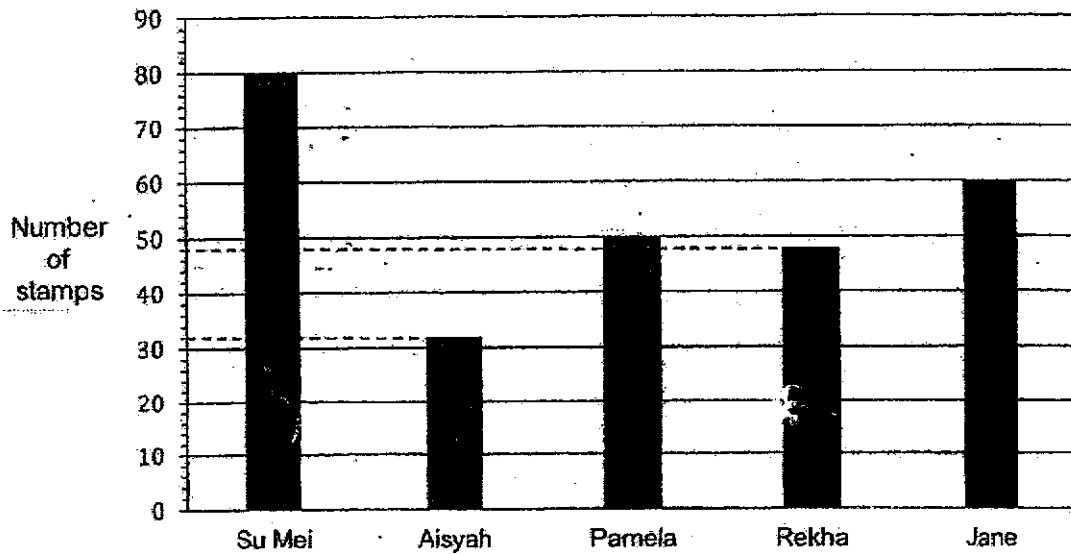


25. 5 similar books and 6 similar files cost \$64.
9 similar books and 6 similar files cost \$96.
Find the cost of one such book.

Ans: \$ _____



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



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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?



Ans: _____

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this space



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 ?

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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?

Special Offer!!
Ice cream Cones

\$3 each

**Buy 2 and get
another 1 free**

Free



The illustration shows three ice cream cones. The first two are grouped together, representing a pair that can be bought for \$3. The third cone is separate and is labeled 'Free', representing the bonus cone in the 'Buy 2 and get another 1 free' offer.

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)

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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?

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Ans: _____ [3]



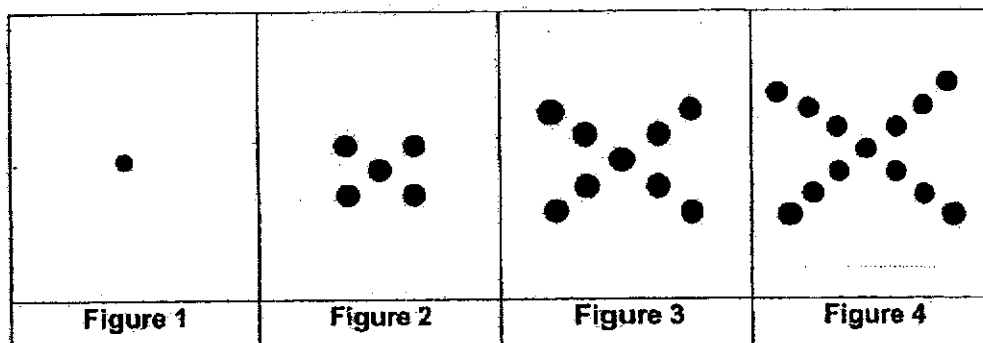
33. Sam had \$70 more than Bryan. Charles had \$20 less than Sam. They had a total of \$294. How much money had Bryan?

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Ans: _____ [3]

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

Do not write in
this space



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.

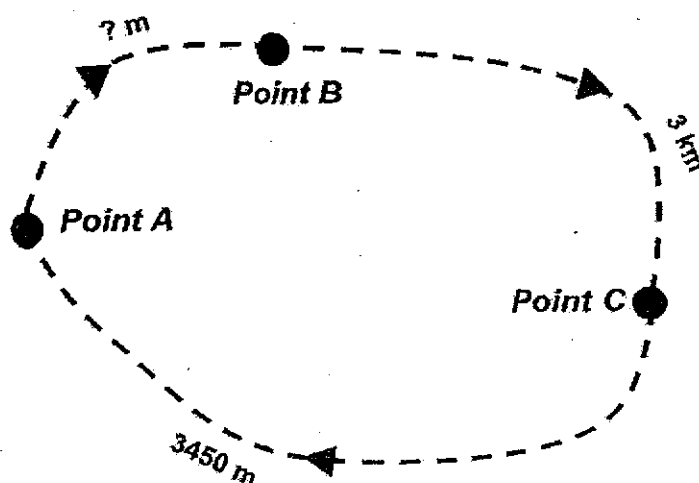
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(a) Find the distance between Point A and Point B.

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.

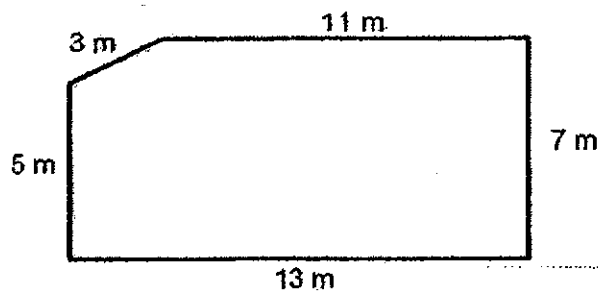


Ans: (a) _____ [2]

(b) _____ [2]



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]

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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	$50 \div 4 = 12R2$ 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	$7 \times 7 = 49$
Q24	9977, 9784, 9748, 9476
Q25	$96-64=32$ $9-5=4$ $32 \div 4 = \$8$
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	$129\div3=43$ $43\times2=86$
Q33	$70-20=50$ $70+50=120$ $294-120=174$ $174\div3=\$58$
Q34	(a)17 (b)29 (c)Figure 24
Q35	$3000-1850=1150$ $1150+3000+3450=7600$ a)1150m b)7km600m
Q36	$13+11=24$ $7+5=12$ $24+12=36+3=39$ $39\times9=351$ a)39m b)\$351