METHODIST GIRLS' SCHOOL (PRIMARY)
Founded in 1887

MID-YEAR EXAMINATION 2019

PRIMARY 4

MATHEMATICS

(SECTION A)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____ ( )

Class : Primary 4._____

Date : 16 May 2019

36

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SECTION A: 36 marks

Questions **1** to **18** carry 2 mark 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.

1 5 ten thousands, 9 tens and 6 ones is the same as _____.

(1) 5 096
(2) 50 096
(3) 50 906
(4) 510 096

2 In 80 123, the digit '0' is in the _____ place.

(1) tens
(2) hundreds
(3) thousands
(4) ten thousands

3 Twenty-seven thousand and thirteen written as numeral is _____?

(1) 2 713
(2) 27 013
(3) 27 130
(4) 20 713

(Go on to the next page)

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4 Which one of the following is the first common multiple of 6 and 8?

(1) 48
(2) 24
(3) 18
(4) 16

5 Which one of the following is a multiple of 9?

(1) 19
(2) 18
(3) 3
(4) 6

6 Which one of the following is an equivalent fraction of $\frac{3}{8}$?

(1) $\frac{3}{16}$
(2) $\frac{5}{16}$
(3) $\frac{6}{8}$
(4) $\frac{9}{24}$

(Go on to the next page)

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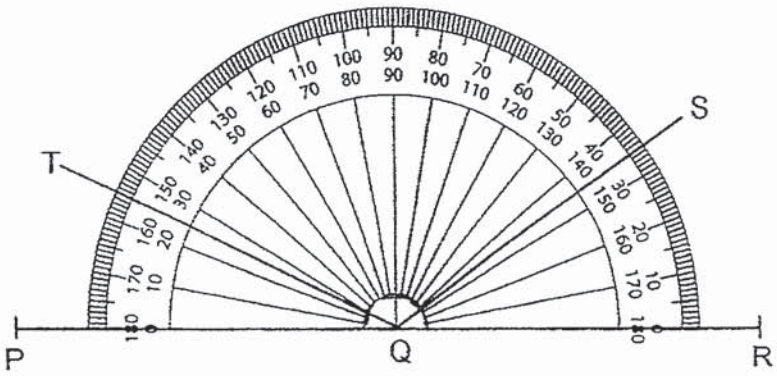
7 A stationery set cost $27. Mrs Lim bought 475 stationery sets to contribute to a donation drive. How much did Mrs Lim pay for the stationery sets?

(1) $3 325
(2) $4 275
(3) $9 500
(4) $12 825

8 Which of the following numbers when rounded to the nearest 100 **does not** give 72 300?

(1) 72 249
(2) 72 281
(3) 72 301
(4) 72 349

9 Which one of the following angles is 155° ?



(1) ∠PQT
(2) ∠PQS
(3) ∠RQT
(4) ∠RQS

(Go on to the next page)

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10 Arrange the following from the smallest to the greatest.

$$\frac{3}{7} \quad , \quad \frac{5}{8} \quad , \quad \frac{1}{2}$$

(smallest) *(greatest)*

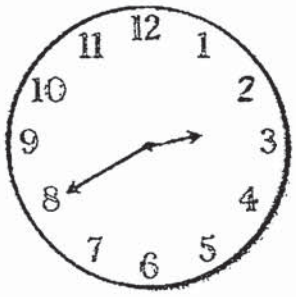
(1) $\frac{1}{2}$, $\frac{3}{7}$, $\frac{5}{8}$

(2) $\frac{3}{7}$, $\frac{1}{2}$, $\frac{5}{8}$

(3) $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{7}$

(4) $\frac{5}{8}$, $\frac{3}{7}$, $\frac{1}{2}$

11 The time on the clock is 2.40 p.m. The minute hand makes a half turn clockwise. What time will it be after the turn?



(1) 2. 10 p.m.

(2) 2. 55 p.m.

(3) 3. 05 p.m.

(4) 3. 10 p.m.

(Go on to the next page)

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12 Mrs Chua had 40 m of cloth. She used $\frac{3}{5}$ of it to make a sofa cover.

How many metres of cloth did she have left?

(1) 8 m

(2) 16 m

(3) 24 m

(4) 32 m

13 Jamila used $\frac{1}{4}$ kg of sugar to bake some muffins. She used $\frac{1}{12}$ kg more sugar to bake some cookies than the muffins. How much sugar did she use to bake the cookies? Express your answer in the simplest form.

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

(2) $\frac{1}{6}$ kg

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

(4) $\frac{5}{12}$ kg

(Go on to the next page)

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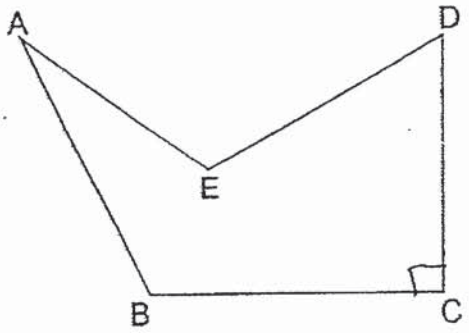
14 In the figure below, which angle is a right angle?



(1) ∠ABC

(2) ∠BAE

(3) ∠BCD

(4) ∠CDE

15 Mr Lim had some balloons.
He tied them into 208 bunches of 7 balloons each.
How many balloons were tied?

(1) 1406

(2) 1456

(3) 1476

(4) 1526

(Go on to the next page)

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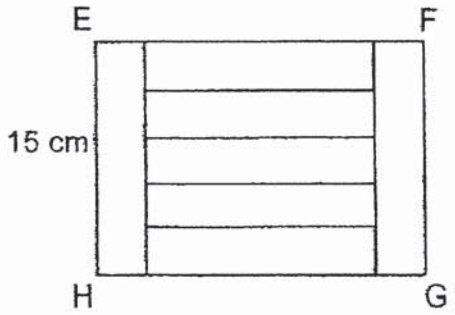
16 A number rounded to the nearest tens is 6000. Which one of the following is the smallest possible number?

(1) 6 014
(2) 6 003
(3) 5 996
(4) 5 985

17 Rectangle EFGH is made up of 7 identical rectangles as shown below. Find the length of GH.



(1) 9 cm
(2) 15 cm
(3) 18 cm
(4) 21 cm

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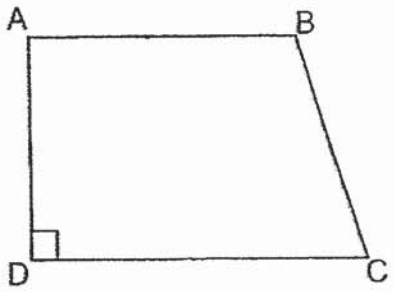
18 Identify the pair of parallel lines in the figure below.



(1) AB // CD

(2) AB // BC

(3) AB // AD

(4) AD // BC

END OF SECTION A

(Go on to Section B)

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MID-YEAR EXAMINATION 2019

PRIMARY 4

MATHEMATICS

(SECTION B)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Parent's Signature
Date:

Name: _____ ( )

Class: Primary 4. _____

Date: 16 May 2019

SECTION A	/36
SECTION B	/36
SECTION C	/28
TOTAL	/100

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SECTION B: 36 marks

Questions **19** to **36** carry 2 marks each. Write your answers in the spaces provided.

For questions which require units, give your answers in the units stated.

Do not write in this space

19 25 010 is 450 more than _____.

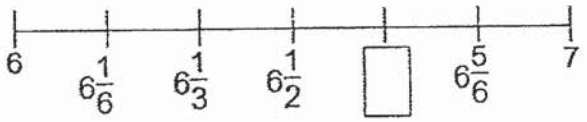
Ans: _____

20 Use the digits below to form the smallest 5-digit odd number with 8 in the hundreds place.

8 1 3 0 4 2

Ans: _____

21 What is the missing fraction? Give your answer in the simplest form.



Ans: _____

(Go on to the next page)

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22 2 and 3 are two of the common factors of 6 and 12. What are the other common factors?

Do not write in this space

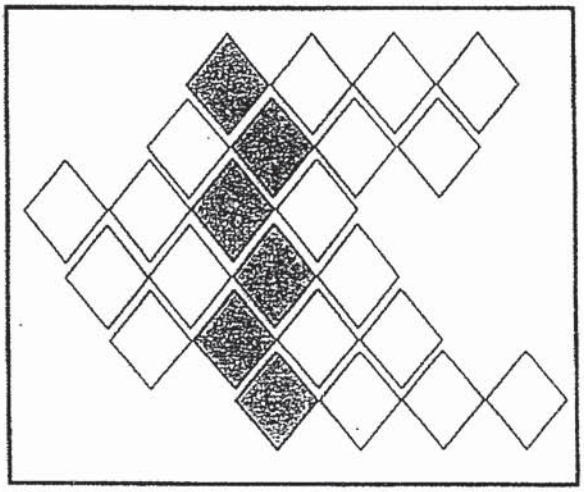
Ans: _____

23 What is the missing number in the box? Complete the number pattern.

1 505	1 480	?	1 430	1 405

Ans: _____

24 Ravi made an art piece out of 24 diamond-shaped cardboards. How many more diamond-shaped cardboards must be shaded so that $\frac{3}{8}$ of the art piece is shaded?



Ans: _____

(Go on to the next page)

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25 $\frac{38}{5} = 7\frac{\square}{10}$

What is the missing number in the box?

Do not write in this space

Ans: _____

26 A toy duck weighs 58 g.

Mr Tan bought 35 toy ducks for a science experiment in school.

What was the total mass of the toy ducks that Mr Tan had to carry to school?

Ans: _____ g

(Go on to the next page)

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Use the information below to answer **Questions 27 and 28.**

The square grid below shows the plan of a park.

Ali and his family are in the park.

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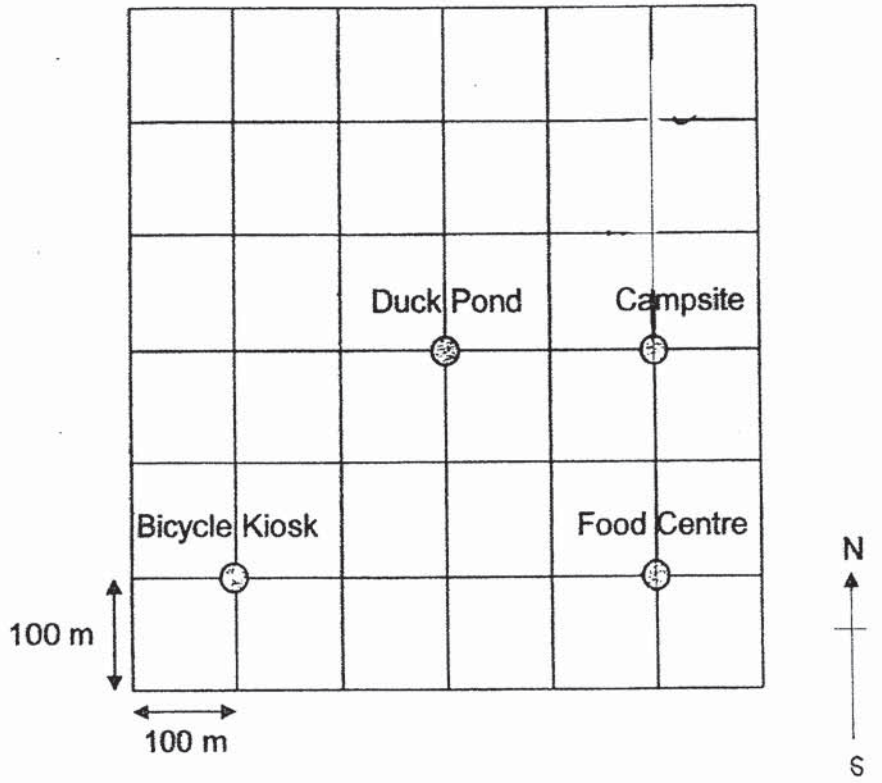

27 (a) In which direction is the food centre from the duck pond?

(b) In which direction is the bicycle kiosk from the food centre?

Ans:(a) _____

(b) _____

28 From the ~~food centre~~ campsite, Ali and his family cycled 200 m north to the ~~campsite~~ a playground.

Using a blue/black pen, **trace** the route and **mark** the location of the ~~campsite~~ playground with an (x) on the grid above.

(Go on to the next page)

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29 Using a protractor and a ruler, draw $\angle WYZ = 58°$.
Mark and label the angle. The line WY has been drawn for you.

Do not write in this spac

30 I am a number.
When I am divided by 6, the quotient is 207 and the remainder is 3.
What number am I?

Ans: _____

(Go on to the next page)

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31 Amanda had 2 349 star stickers. She bought some animal stickers.
The number of star stickers was 9 times the number of animal stickers.
How many animal stickers did she buy?

Do not write in this space

Ans: _____

32 ~~There are 8 chocolate bars in one packet.~~ A bar chocolate costs ~~cost~~ $8. Betty has $100.
How many ~~packets~~ such bars of chocolate can she buy at most?

Ans: _____

(Go on to the next page)

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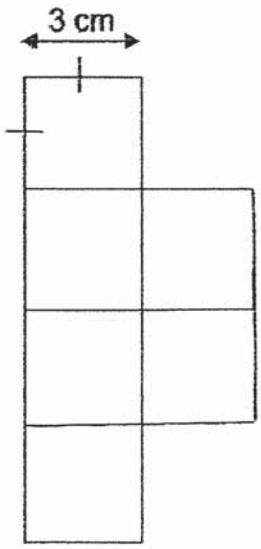
33 The figure is made up of 3 cm squares. Find the perimeter of the figure.

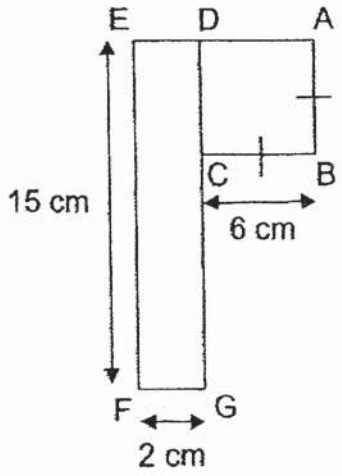
Do not write in this space



Ans: _____ cm

34 The figure below is made up of a square ABCD and a rectangle DEFG.

Find the length of CG.



Ans: _____ cm

(Go on to the next page)

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35 Sam spent $\frac{1}{5}$ of his money on a book. He also bought a pair of shoes for $49. He had $19 left. How much money did he spend on the book?

Do not write in this space

Ans: _____

36 Madam Amina bought a big container of washing detergent of 3 ℓ.
She poured some of the washing detergent into 2 small bottles.
Each small bottle contained $\frac{1}{3}$ ℓ of the washing detergent.
How much washing detergent was left in the big container?
Express your answer as a mixed number in its simplest form.

Ans: _____ ℓ

END OF SECTION B (Go on to Section C)

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METHODIST GIRLS' SCHOOL (PRIMARY)

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MID-YEAR EXAMINATION 2019

PRIMARY 4

MATHEMATICS

(SECTION C)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Name: _____ ( )

Class: Primary 4. _____

Date : 16 May 2019

28

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Section C: 28 marks

Show your working clearly in the space provided for each question and write your answers in the space provided. The number of marks available is shown in the brackets [ ] at the end of each question or part question.

Do not write in this space

37 Mr Chua spent $287 on a buffet dinner for his family at a restaurant. The price for an adult was $75. He took his wife, his mother and 2 young children to the restaurant.

(a) How much did he pay for the adults?

(b) What was the cost for 1 child ?

Ans: (a) _____ [1]

(b) _____ [2]

38 A fruiterer had 1 332 fruits.
There were 60 fewer oranges than apples.
There were 24 more bananas than oranges.
How many oranges were there?

Ans: _____ [3]

(Go on to the next page)

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39 Pupils from Peace School visited the zoo.

The number of boys was 5 times the number of girls.

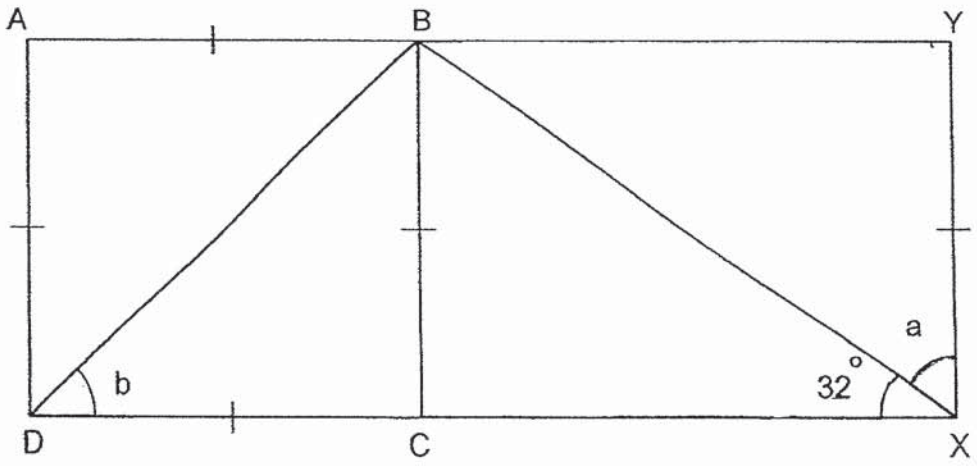
There were 372 more boys than girls.

How many children visited the zoo altogether?

Do not write in this space

Ans: _____ [3]

40 ABCD is a square. BCXY is a rectangle. Find the sum of ∠a and ∠b .



Ans: _____ [3]

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41 The table below shows the height and masses of three plants A, B and C.

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Plant	Height	Mass
A	$\frac{2}{4}$ m	$\frac{6}{10}$ kg
B	?	$\frac{1}{10}$ kg
C	$\frac{3}{8}$ m	$\frac{1}{5}$ kg

(a) What is the difference in mass between Plant A and Plant C?

(b) What is the total mass of the three plants?

(c) The total height of Plant A and Plant B is $\frac{6}{8}$ m. What is the height of plant B? Express your answer in the simplest form.

Ans: (a) _____ [1]

(b) _____ [2]

(c) _____ [2]

(Go on to the next page)

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42 The cost of a cupboard is $105 cheaper than the cost of a television set.
Ms Lee paid $1 920 for 1 cupboard and 2 television sets.
What is the cost of a television set?

Do not write in this spac

Ans: _____ [4]

(Go on to the next page)

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43 May read 9 pages of a book in a day.

Narin read 6 pages of the same book in a day.

When May finished reading the book, Narin still had 21 more pages to go.

(a) How many days did May take to finish reading the book?

(b) How many pages are there in the book?

Do not write in this space

Ans: (a) _____ [3]

(b) _____ [1]

(Go on to the next page)

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44 Ahmad had 80 more stickers than Tom.
After Tom gave Ahmad 10 stickers, Ahmad had twice as many stickers as Tom. How many stickers did Tom have at first?

Do not write in this space

Ans: _____ [4]

END OF PAPER

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ANSWER KEY

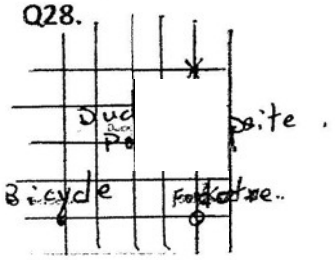
YEAR. : 2019
LEVEL. : PRIMARY 4
SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : MID-YEAR EXAMINATION

BOOKLET A

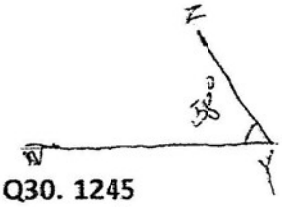
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	2	2	4	4	1	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18		
4	2	1	3	2	3	4	1		

BOOKLET B

Q19. 24560
Q20. 10823
Q21. $6\frac{2}{3}$
Q22. 6 and 1
Q23. 1455
Q24. 3
Q25. 6
Q26. 2030g
Q27. (a) South-East
(b) West
Q28.



Q29.



Q30. 1245
Q31. 261
Q32. 12

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Q33. 36cm
Q34. 9cm
Q35. $17
Q36. $2\frac{1}{3}\ell$

BOOKLET C

Q37. (a)$225
(b)$31
Q38. 416
Q39. 558
Q40. 103°
Q41. (a) $\frac{2}{5}$kg
(b) $\frac{9}{10}$kg
(c) $\frac{1}{4}$m
Q42. $675
Q43. (a) 7
(b) 63
Q44. 110

END D.

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