

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.

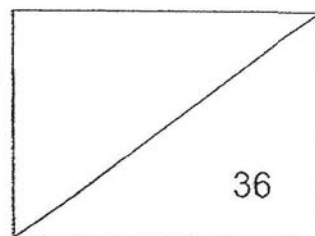
Answer all questions.

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

Name: _____ ()

Class : Primary 4. _____

Date : 16 May 2019



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

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) $\frac{9}{24}$

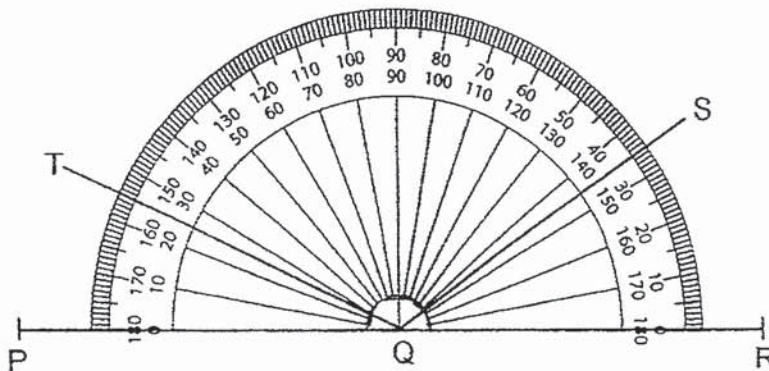
- 7 A stationery set cost \$27. Mrs Lim bought 475 stationery sets to contribute to a donation drive. How much did Mrs Lim pay for the stationery sets?

- (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° ?



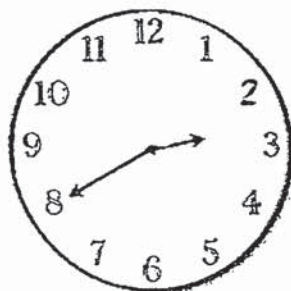
- (1) $\angle PQT$
- (2) $\angle PQS$
- (3) $\angle RQT$
- (4) $\angle RQS$

- 10 Arrange the following from the smallest to the greatest.

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

- (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.

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

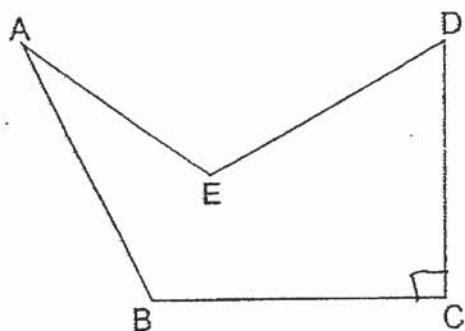
How many metres of cloth did she have left?

- (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

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



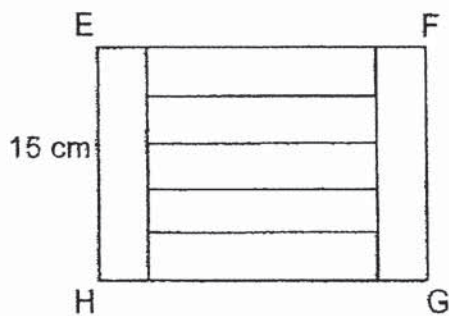
- (1) $\angle ABC$
(2) $\angle BAE$
(3) $\angle BCD$
(4) $\angle CDE$
- 15 Mr Lim had some balloons.
He tied them into 208 bunches of 7 balloons each.
How many balloons were tied?

- (1) 1406
(2) 1456
(3) 1476
(4) 1526

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

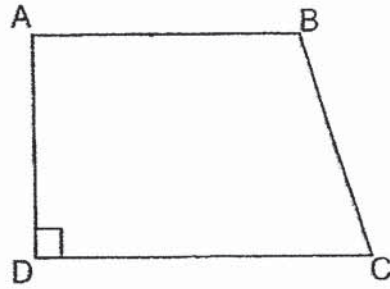
- (1) 6 014
- (2) 6 003
- (3) 5 996
- (4) 5 985

- 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

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



- (1) $AB \parallel CD$
- (2) $AB \parallel BC$
- (3) $AB \parallel AD$
- (4) $AD \parallel BC$

END OF SECTION A

(Go on to Section B)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



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

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 _____.

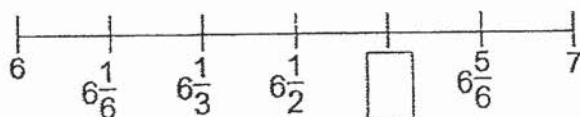
Ans: _____

- 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: _____

- 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

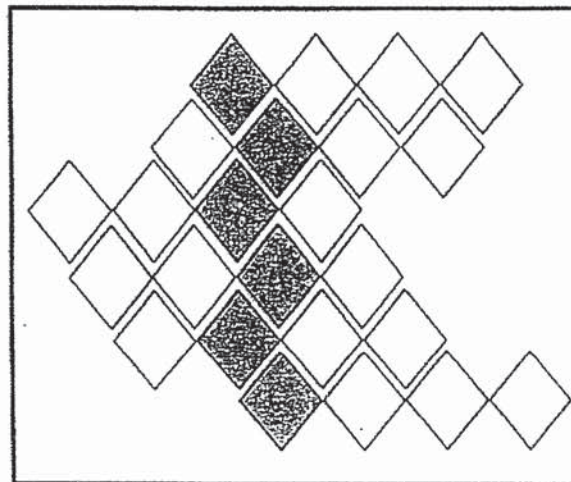
Ans: _____

- 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: _____

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

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.

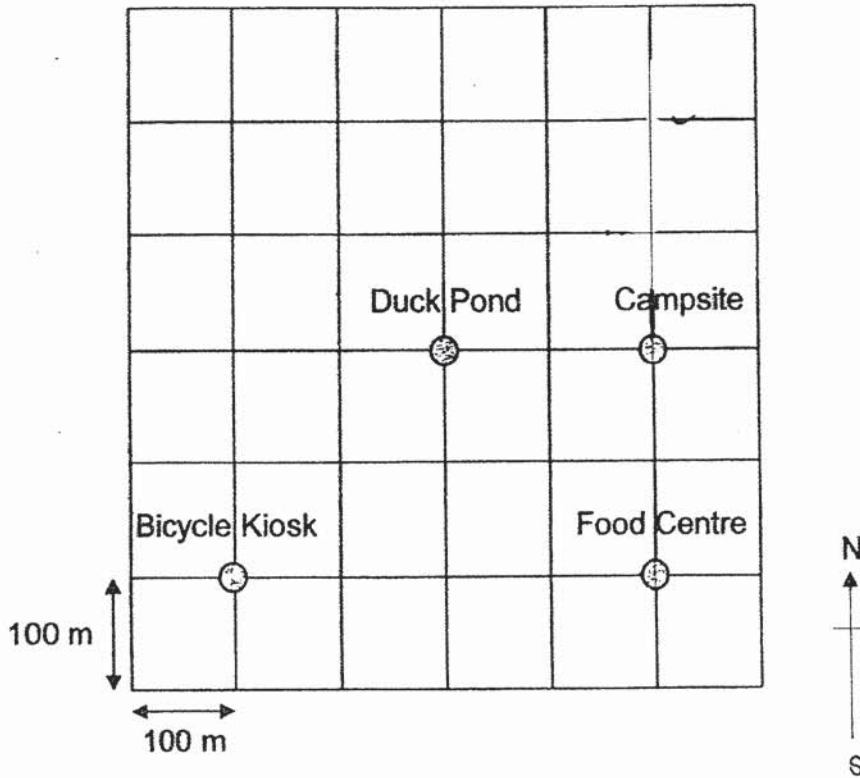
What was the total mass of the toy ducks that Mr Tan had to carry to school?

Ans: _____ g

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.



Do not write
in this space

- 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?

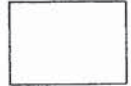
Ans:(a) _____

(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.

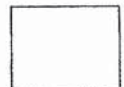
- 29 Using a protractor and a ruler, draw $\angle WYZ = 58^\circ$.
Mark and label the angle. The line WY has been drawn for you.

Do not write
in this space



- 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: _____



- 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?

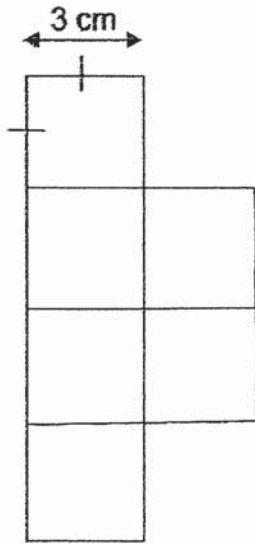
Do not write
in this space

Ans: _____

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

Ans: _____

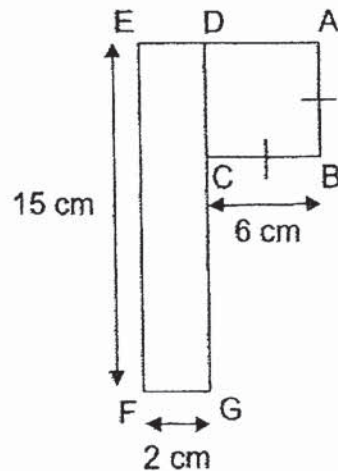
- 33 The figure is made up of 3 cm squares. Find the perimeter of the figure.



Ans: _____ cm

Do not write
in this space

- 34 The figure below is made up of a square ABCD and a rectangle DEFG. Find the length of CG.



Ans: _____ cm

- 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

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



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.

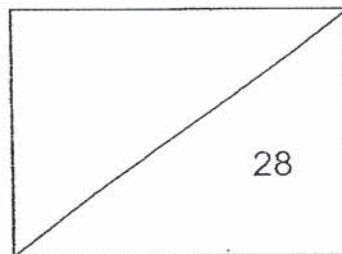
Follow all instructions carefully.

Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date : 16 May 2019



This booklet consists of 7 printed pages including this page

Section C: 28 marksDo not write
in this space

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.

- 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?

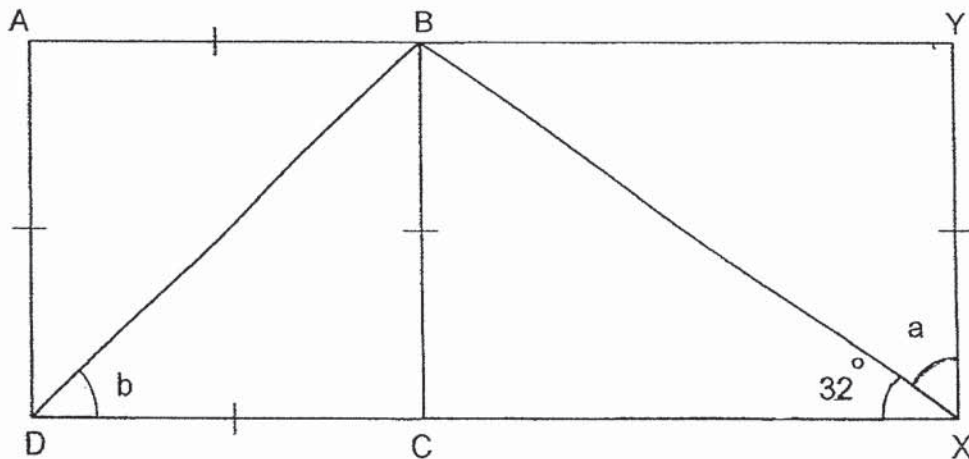
Ans: _____ [3]

- 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 $\angle a$ and $\angle b$.



Ans: _____ [3]

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

Do not write
in this space

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]

- 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 space

Ans: _____ [4]

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)

- 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]



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

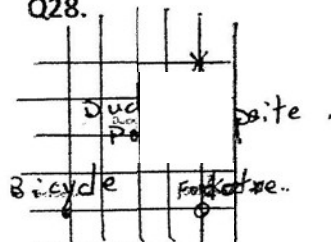
Q25. 6

Q26. 2030g

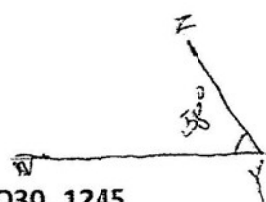
Q27. (a) South-East

(b) West

Q28.



Q29.



Q30. 1245

Q31. 261

Q32. 12

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) $\frac{2}{5}\text{kg}$

(b) $\frac{9}{10}\text{kg}$

(c) $\frac{1}{4}\text{m}$

Q42. \$675

Q43. (a) 7

(b) 63

Q44. 110