Maha Bodhi School
2019 Semestral Assessment 1
Primary 4
Mathematics
Booklet A

Name : _____ ( )

Class : Primary 4 _____

Date : 15 May 2019

Total Duration for Booklets A and B: 1 h 45 min

INSTRUCTIONS TO CANDIDATES:

1. Do not turn over this page 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.

This booklet consists of 8 printed pages.

Section A (40 marks)

Questions **1** to **20** 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.

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1. In 65 381, the value of the digit 6 is _____.

(1) 6
(2) 60
(3) 6000
(4) 60 000

2. Arrange the following numbers from the greatest to the smallest.

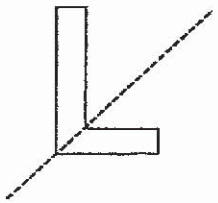
34380	8343	80430

	Greatest		Smallest
(1)	8343,	80430,	34380
(2)	34380,	8343,	80430
(3)	80430,	34380,	8343
(4)	8343,	34380,	80430

3. Which of the following numbers is a factor of both 21 and 36?

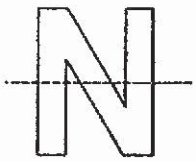
(1) 9
(2) 2
(3) 3
(4) 7

4. Which of the following dotted lines is a line of symmetry for the letter shown?

(1) 

(2)

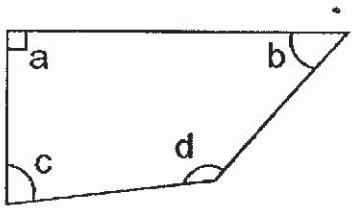
(3)

(4) 

5. How many thirds are there in $2\frac{2}{3}$?

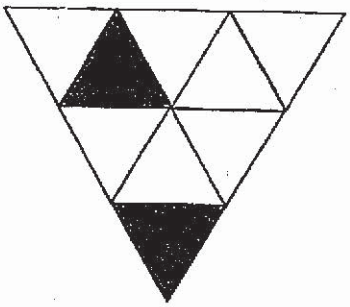
(1) 8
(2) 2
(3) 5
(4) 6

6. Which of the following angles is an obtuse angle?



(1) ∠a
(2) ∠b
(3) ∠c
(4) ∠d

7. The figure shown is made up of identical triangles.
What fraction of the figure is shaded?



(1) $\frac{2}{9}$

(2) $\frac{2}{7}$

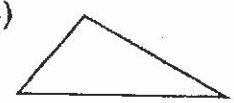
(3) $\frac{5}{7}$

(4) $\frac{7}{9}$

8. Which of the following figures is **not** a symmetric figure?

(1)

(2)

(3) 

(4)

9. What is the missing number in the number pattern below?

4218, 4418, 4438, 4638, 4658, 4858, 4878, 5078, _____

(1) 5058
(2) 5098
(3) 5278
(4) 5298

10. The number of people staying in Sunnyside Town is 57 000 when rounded to the nearest thousand.
Which of the following could be the actual number of people living in Sunnyside Town?

(1) 56 199
(2) 56 458
(3) 57 052
(4) 57 645

11. When a number is divided by 4, the quotient is 432 and the remainder is 2.
What is the number?

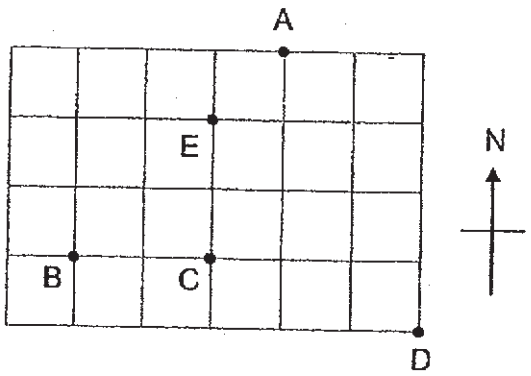
(1) 108
(2) 110
(3) 1730
(4) 1736

12. In a class, there are 12 girls and 16 boys. $\frac{1}{4}$ of the pupils wear spectacles.

How many pupils in the class do not wear spectacles?

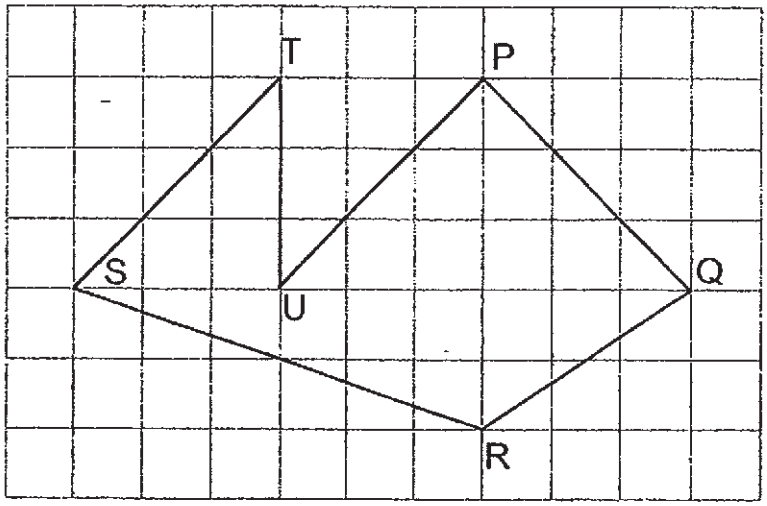
(1) 28
(2) 21
(3) 3
(4) 7

13. The figure shows the positions of 5 cities on a grid map.
Which city is south-west of City E?



(1) A
(2) B
(3) C
(4) D

14. Which two lines are perpendicular to each other?



(1) PQ and QR

(2) ST and UP

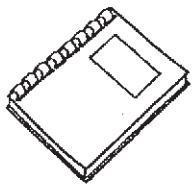
(3) RS and ST

(4) UP and PQ

15. Osman bought a bag and a notebook.

He gave the cashier $60. How much change did he receive?

Bag
$36



Notebook
$6

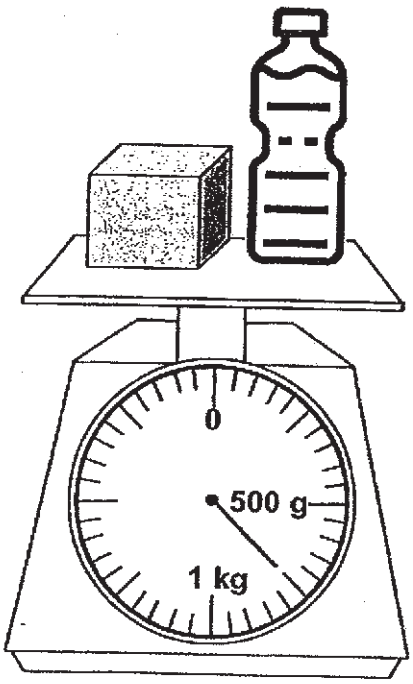
(1) $18

(2) $24

(3) $42

(4) $54

16. The mass of the box is 100 g. Find the mass of the bottle.



(1) 450 g
(2) 650 g
(3) 750 g
(4) 850 g

17. Danny had an equal number of seashells and marbles at first. After he gave away 25 seashells and 167 marbles, he had 3 times as many seashells as marbles. How many marbles did he have at first?

(1) 192
(2) 213
(3) 238
(4) 426

18. Jim and Alice have $84 altogether. Jim has twice as much money as Alice. How much money must Jim give Alice so that each of them has an equal amount of money?

(1) $14
(2) $28
(3) $42
(4) $56

19. Melvin placed some identical erasers into an empty box.

The erasers took up $\frac{3}{4}$ of the space in the box.

There is still space for 2 more erasers.

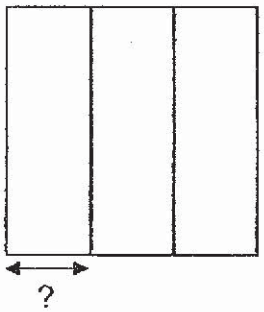
What is the least number of such boxes that are needed to hold 48 such erasers?

(1) 36
(2) 12
(3) 8
(4) 6

20. The square shown below is formed by 3 identical rectangles.

The perimeter of the square is 36 cm.

Find the breadth of each rectangle as indicated by?



(1) 9 cm
(2) 2 cm
(3) 3 cm
(4) 6 cm

Maha Bodhi School
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Primary 4
Mathematics
Booklet B

Name : _____ ( )

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INSTRUCTIONS TO CANDIDATES:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Booklet	Marks Obtained	Max Marks
A		40
B		60
Total		**100**

Parent's signature: _____

This booklet consists of 12 printed pages.

Section B (40 marks)

Questions **21** to **40** 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.

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21. What is 170 less than 6759?

Ans: _____

22. Find the product of 529 and 37.

Ans: _____

23. Divide 3780 by 5.

Ans: _____

24. Express $\frac{26}{6}$ as a mixed number in its simplest form.

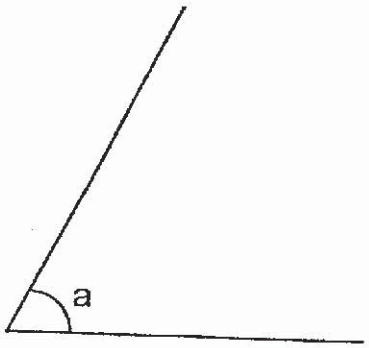
Ans: _____

/ 8

25. $\frac{5}{7} - \frac{1}{2} =$ _____

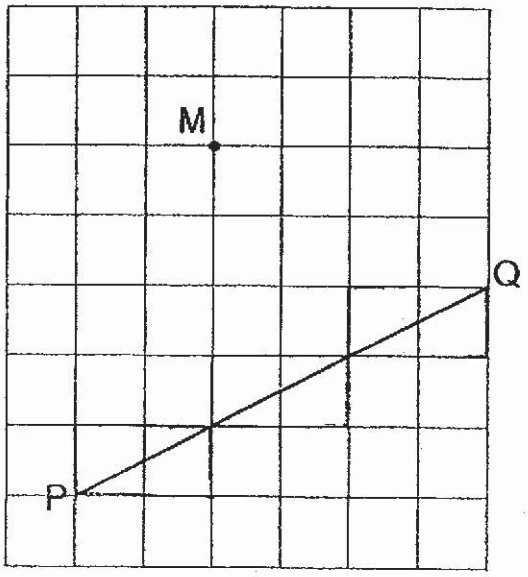
Ans: _____

26. Measure and write down the size of ∠a.



Ans: _____ °

27. The figure below shows a line PQ and a point M.
Draw a line that is parallel to PQ, passing through the point M.



/ 6

28. Express 5063 cm in metres and centimetres.

Ans: _____ m _____ cm

29. Mrs Chen has $1490. Mrs Lee has 6 times as much money as her.
How much money does Mrs Lee have?

Ans: $_____

30. A number is a multiple of 6.
One of its factors is 4.
It is between 40 and 50.
What is the number?

Ans:_____

31. Mrs Li baked 105 cookies. How many more cookies must she bake so that she can put them equally into 9 tins with no cookies left over?

Ans: _____ more cookies

/ 8

32. The sum of two numbers is 187. The bigger number is 25 more than the smaller number. What is the smaller number?

Ans: _____

33. The fractions shown below are arranged in an increasing order.
One of the fractions is smudged with ink.
What is the missing numerator?

smallest greatest

Ans: _____

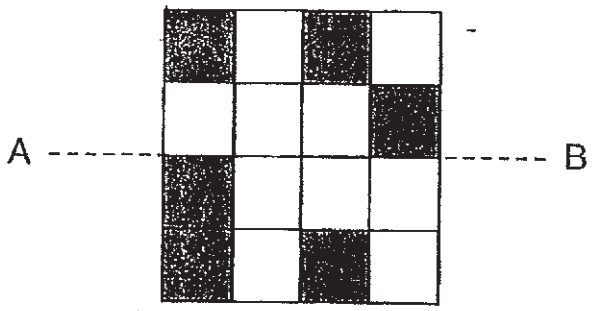
34. What is the missing number in the box?

$$\frac{2}{6} = \frac{3}{\boxed{?}}$$

Ans: _____

/ 6

35. There are 6 shaded squares in the figure. Shade 2 more squares to form a symmetric figure with AB as the line of symmetry.



36. A container can hold 8000 ml of water.
A bottle can hold 2 litres of water.
How many bottles of water are needed to fill 3 such containers completely with water?

Ans: _____ bottles

37. Sam and Ali had some stickers. Ming Le did not have any sticker.
Ali gave 456 stickers to Ming Le. Sam gave half of his stickers to Ming Le.
Ming Le has 1072 stickers now. How many stickers did Sam have at first?

Ans: _____ stickers

/ 6

38. $\frac{3}{4}$ of a number is 12.

What is $\frac{1}{2}$ of this number?

Ans: _____

39. There are some animals in a pet shop.

$\frac{2}{11}$ of the animals are rabbits and the rest are hamsters.

There are 63 more hamsters than rabbits.

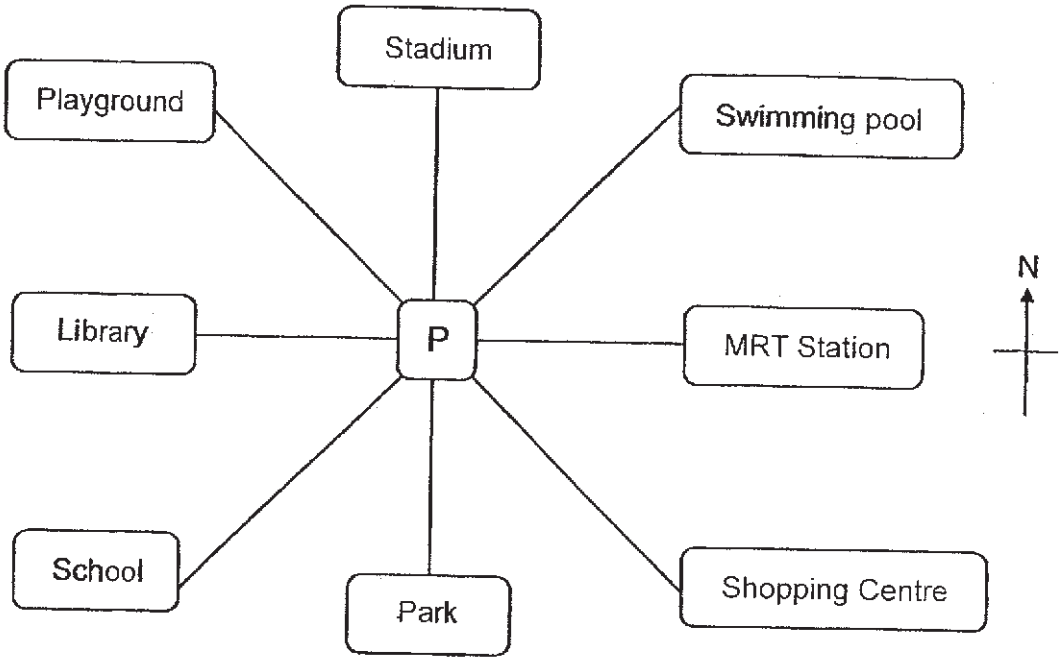
How many animals are there in the pet shop altogether?

Ans: _____ animals

/ 4

40. Amy and Chloe were both standing at Point P.

Amy was facing the stadium while Chloe was facing the playground at first. After Amy made a $\frac{3}{4}$-turn anti-clockwise and Chloe turned clockwise, they both faced the same location. Through what angle did Chloe turn clockwise?



Ans: _____ °

/ 2

Section C (20 marks)

Questions **41** to **45** carry 4 marks each.
Show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

---

41. A belt costs $78.

A skirt costs $45 more than the belt.

How much does 8 such skirts cost?

Ans: _____ [4]

/ 4

42. In a music class, $\frac{1}{3}$ of the children like Chinese songs and $\frac{1}{9}$ of the children like English songs. The remaining 15 children like Korean songs.

a) What fraction of the children like Korean songs?

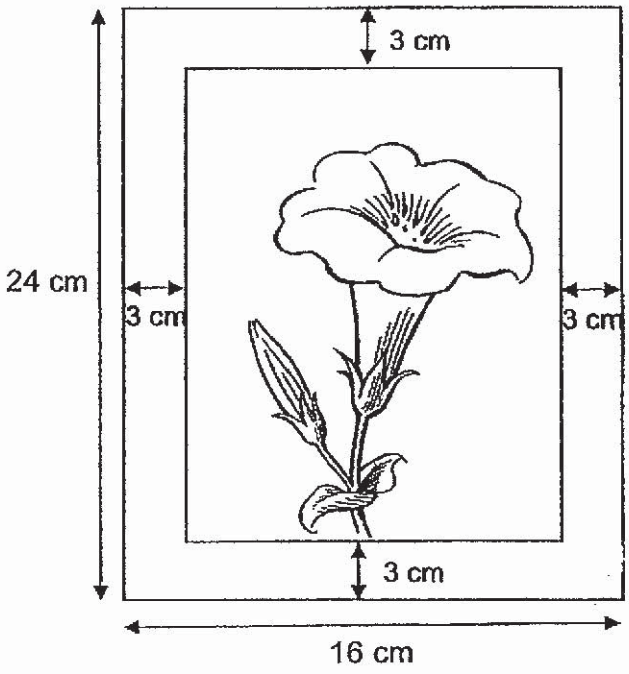
b) How many children like English songs?

Ans: a) _____ [2]

b) _____ [2]

/ 4

43. The figure below shows a rectangular photograph mounted on a rectangular cardboard. What is the area of the photograph?



Ans: _____ [4]

/ 4

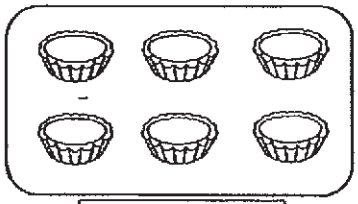
44. Aisha and Bryan had a total of 420 stamps. After Bryan gave Aisha 50 of his stamps, he had 5 times as many stamps as Aisha. How many stamps did Bryan have at first?

Ans: _____ [4]

/ 4

45. At a bakery, chocolate muffins are sold in packets of 4 and egg tarts are sold in boxes of 6.

chocolate muffins
4 for $10.90



egg tarts
6 for $8.90

a) Mrs Ong only has $20. What is the most number of egg tarts she can buy?

b) Mr Bala needs 246 chocolate muffins for a party. What is the least number of packets of muffins he must buy?

Ans: a) _____ [2]

b) _____ [2]

/ 4

------- The End ------

Remember to check your work!

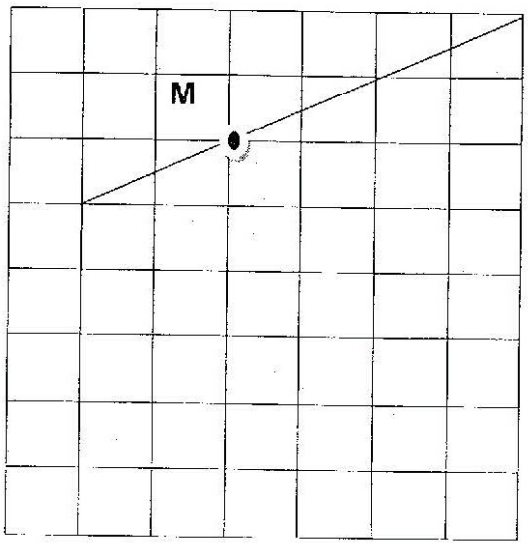
SCHOOL : MAHA BODHI PRIMARY SCHOOL

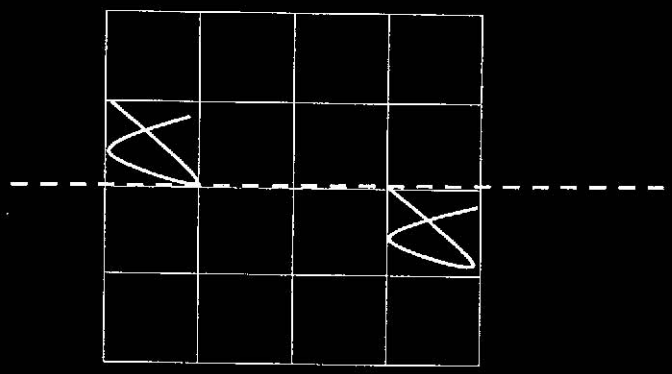
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2019 SA1

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	3	2	1	4	1	3	2	3
Q 11	Q12	Q13	Q14	Q15	Q 16	Q17	Q18	Q19	Q20
3	2	2	4	1	2	3	1	4	3

BOOKLET B

Q21)	6589
Q22)	19573
Q23)	756
Q24)	$4\frac{1}{3}$
Q25)	$\frac{3}{14}$
Q26)	63°
Q27)	

Q28)	50 m 63 cm
Q29)	1490 x 6 = $8940
Q30)	48
Q31)	9 – 6 = 3 more cookies
Q32)	187 – 25 = 162 162 ÷ 2 = 81
Q33)	7
Q34)	9
Q35)	
Q36)	8000ml = 8L 8L x 3 = 24L 24L ÷ 2L = 12bottles
Q37)	1072 – 456 = 616 616 x 2 = 1232
Q38)	12 ÷ 3 = 4 4 x 2 = 8
Q39)	9 – 2 = 7 7units = 63 1unit = 63 ÷ 7 = 9 11units = 9 x 11 = 99
Q40)	135°
Q41)	78 + 45 = 123 123 x 8 = $984

Q42)	a) $\frac{1}{3} \times 3 = \frac{3}{9}$ 3/9 + 1/9 = 4/9 9/9 – 4/9 = 5/9 b)5units = 15 1unit = 15 ÷ 5 = 3
Q43)	16 – 3 – 3 = 10 24 – 3 – 3 = 18 18 x 10 = 180cm^2
Q44)	420 ÷ 6 = 70 70 x 5 = 350 350 + 50 = 400
Q45)	a)$20 – $8.90 = $11.10 $11.10 – $8.90 = $2.20 6 x 2 = 12 b)246 ÷ 4 = 61 R2 61 + 1 = 62