



Maha Bodhi School
2018 Semestral Assessment 1
Primary 4
Mathematics
Booklet A

Name : _____ ()

Class : Primary 4 _____

Date : 4 May 2018

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 Mark Sheet (OMS) provided.

This booklet consists of 9 printed pages.

1. The first part of the paper is

multiple choice questions.

2. The second part

is short answer

questions.

3. The third part

is long answer

questions.

4. The fourth part

is essay questions.

5. The fifth part

is project work.

6. The sixth part

is oral presentation.

7. The seventh part is group discussion.

8. The eighth part is individual presentation.

9. The ninth part is

debate.

10. The tenth part

is role play.

11. The eleventh part

is simulation.

12. The twelfth part

is case study.

13. The thirteenth part

is problem solving.

14. The fourteenth part

is decision making.

15. The fifteenth part

is critical thinking.

16. The sixteenth part

is creative thinking.

17. The seventeenth part

is communication skills.

18. The eighteenth part

is teamwork.

19. The nineteenth part

is leadership.

20. The twentieth part

is problem solving.

21. The twenty-first part

is decision making.

22. The twenty-second part

is critical thinking.

23. The twenty-third part

is creative thinking.

24. The twenty-fourth part

is communication skills.

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

All figures are not drawn to scale.

1. What is the value of the digit 6 in 32 659?

- (1) 60
- (2) 600
- (3) 6000
- (4) 60 000

2. Arrange the following numbers in order, beginning with the greatest.

27 048 , 20 784 , 27 840 , 24 807

- (1) 20 784 , 24 807 , 27 048 , 27 840
- (2) 20 784 , 27 048 , 27 840 , 24 807
- (3) 27 048 , 24 807 , 20 784 , 27 840
- (4) 27 840 , 27 048 , 24 807 , 20 784

3. Which of the following is **not** a common factor of 36 and 48?

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

4. Which of the following shows that $\frac{1}{6}$ of the figure is shaded?

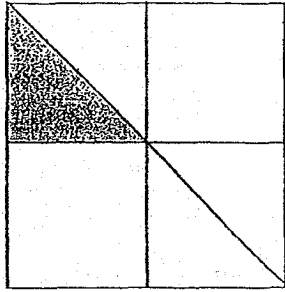


Figure A

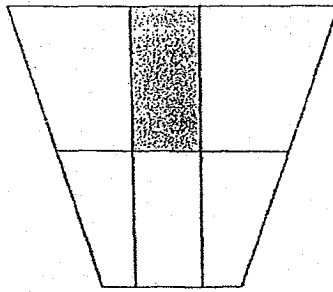


Figure B

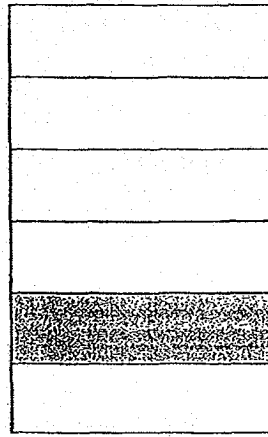


Figure C

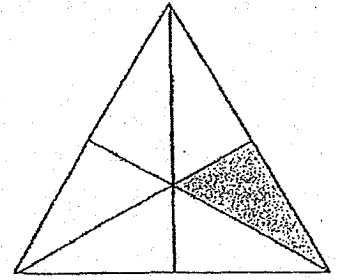


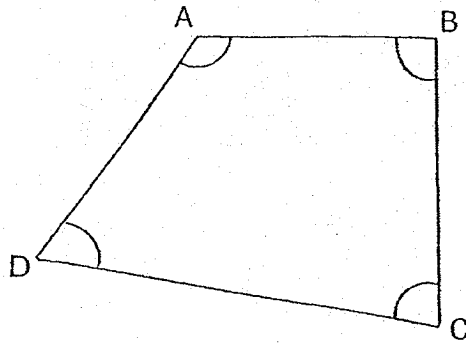
Figure D

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

5. Which of the following is **not** an equivalent fraction of $\frac{3}{8}$?

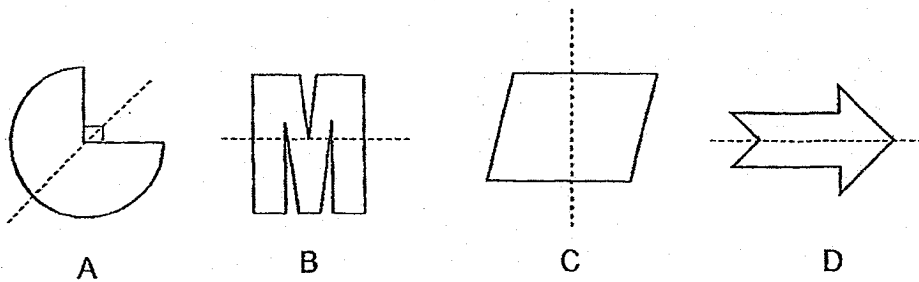
- (1) $\frac{18}{48}$
- (2) $\frac{12}{40}$
- (3) $\frac{9}{24}$
- (4) $\frac{6}{16}$

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



- (1) $\angle ABC$
- (2) $\angle BCD$
- (3) $\angle CDA$
- (4) $\angle DAB$

7. Which of the following figures have their lines of symmetry drawn correctly?



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

8. Which of the following letters is **not** symmetrical?

S E A T

- (1) S
 - (2) E
 - (3) A
 - (4) T
9. One of the factors of a number is 6.
Which of the following can be the number?

- (1) 56
- (2) 76
- (3) 84
- (4) 104

10. A shirt and 8 similar pairs of shoes cost \$568. A shirt cost \$64.
How much did one such pair of shoes cost?

- (1) \$79
- (2) \$71
- (3) \$63
- (4) \$56

11. There were 36 pupils in a class. Mrs Gopal gave 12 sweets to each pupil and had 7 sweets left. How many sweets did she have at first?

- (1) 422
- (2) 429
- (3) 432
- (4) 439

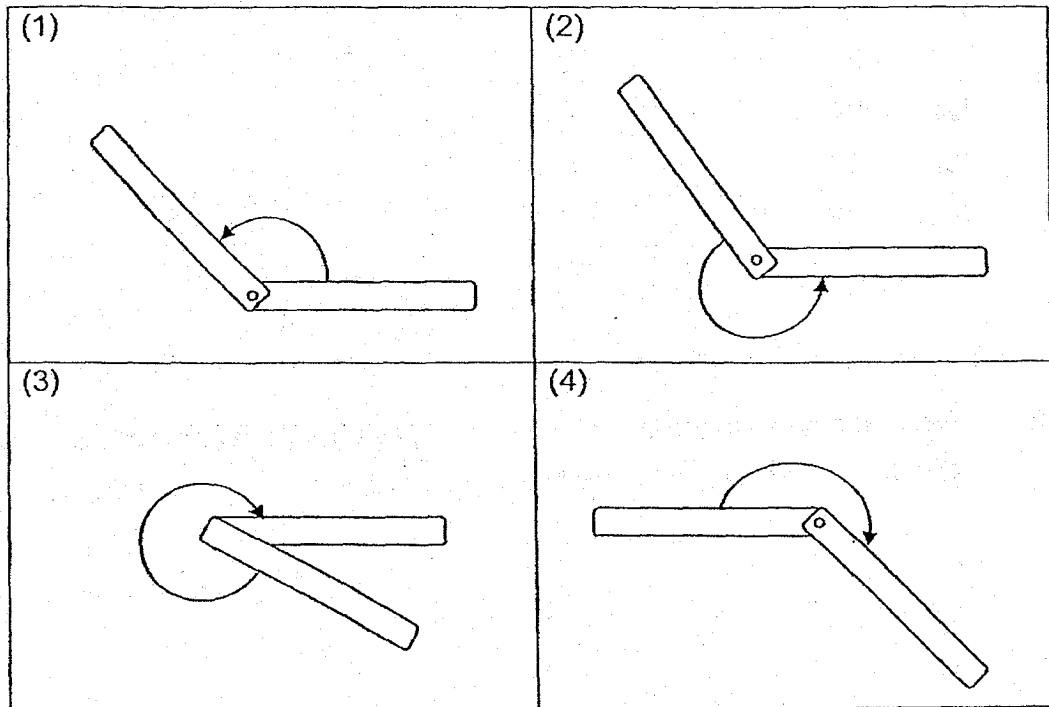
12. Cheryl has 600 paper clips. She wants to pack the paper clips into 7 boxes. What is the least possible number of paper clips that will be left unpacked?

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

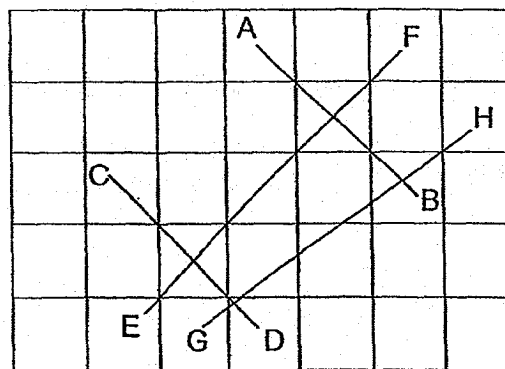
13. Wan Yu bought $\frac{11}{12}$ m of cloth. She used $\frac{1}{4}$ m of the cloth to make a pencil case and $\frac{5}{12}$ m of the cloth to make a bag. How much cloth did she have left?

- (1) $\frac{1}{6}$ m
- (2) $\frac{1}{4}$ m
- (3) $\frac{1}{3}$ m
- (4) $\frac{2}{3}$ m

14. Which of the following shows a turn between a $\frac{1}{4}$ -turn and a $\frac{1}{2}$ -turn?

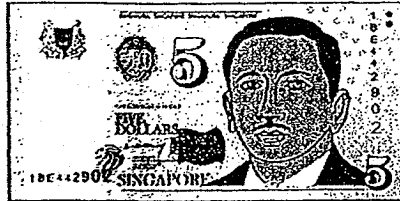
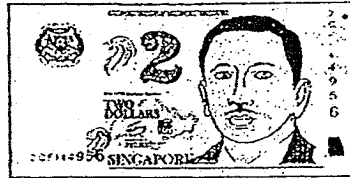
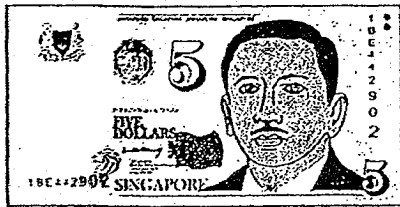


15. Look at the figure below. Which of the following is true?



- (1) $AB \parallel CD$
- (2) $CD \parallel EF$
- (3) $EF \parallel GH$
- (4) $GH \parallel AB$

16. The following shows the amount of money that Marilyn has.



She has \$4.85 more than her brother.

How much money does her brother have?

- (1) \$15.15
 - (2) \$15.25
 - (3) \$16.85
 - (4) \$24.85
17. Kelly had 34 beads at first. After Nigel gave Kelly some beads, he had 3 times as many beads as Kelly. Kelly had 106 beads in the end.
How many beads did Nigel have at first?

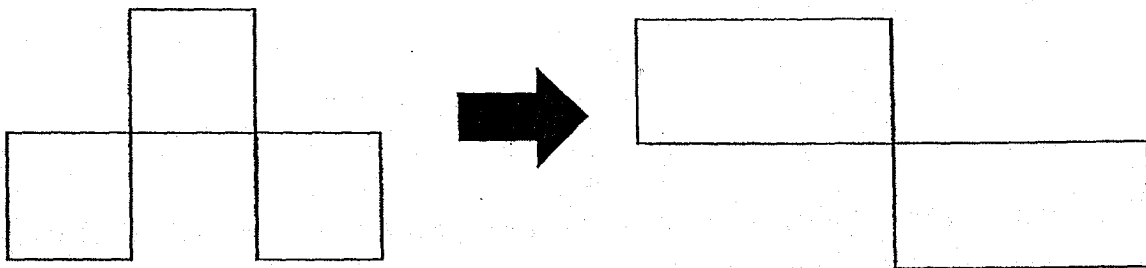
- (1) 246
- (2) 318
- (3) 390
- (4) 424

18. The table shows the types of fruits that a group of children likes.

Types of Fruits	Number of children who like the fruit
Apples	19
Oranges	24
Pears	17
Durians	?

$\frac{1}{3}$ of the children like durians. How many children like durians?

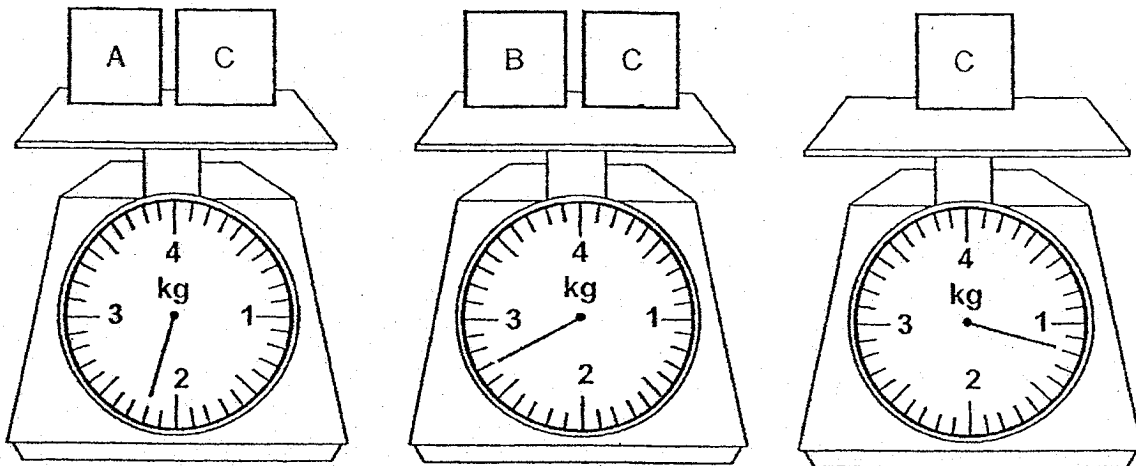
- (1) 15
 (2) 20
 (3) 30
 (4) 60
19. A piece of wire was bent to form a figure made up of 3 identical squares.
 Peter wants to use the same piece of wire to form a figure made up of two identical rectangles instead. The breadth of the rectangle is the same as the breadth of each square. The length of the rectangle is twice its breadth.



Which of the following statements is true?

- (1) Peter will have extra wire left.
 (2) Peter will not have enough wire.
 (3) Peter will have exactly enough wire.
 (4) It is impossible to tell if Peter has enough wire or not.

20. Some boxes A, B and C were placed on three kitchen scales.



Which of the following shows the correct order of the mass of A, B and C, from the heaviest to the lightest?

- | | <u>Heaviest</u> | | <u>Lightest</u> |
|-----|-----------------|----|-----------------|
| (1) | C, | A, | B |
| (2) | B, | C, | A |
| (3) | B, | A, | C |
| (4) | A, | C, | B |



Maha Bodhi School
2018 Semestral Assessment 1
Primary 4
Mathematics
Booklet B

Name : _____ ()

Class : Primary 4 _____

Date : 4 May 2018

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. Write your answers in this booklet.

Booklet	Marks Obtained	Max Marks
A		40
B		60
Total		100

Parent's signature: _____

This booklet consists of 13 printed pages.

Section B (40 marks)

Questions 21 to 40 carry 2 marks each.

Write your answers in the blanks provided. Give your answers in the units stated.

Show your working in the space provided. Marks will be awarded for correct method shown.

All figures are not drawn to scale.

21. Write 70 349 in words.

Ans: _____

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

7499 , 7649 , 7799 , 7949 , _____ , 8249

Ans: _____

23. Find the product of 68 and 17.

Ans: _____

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

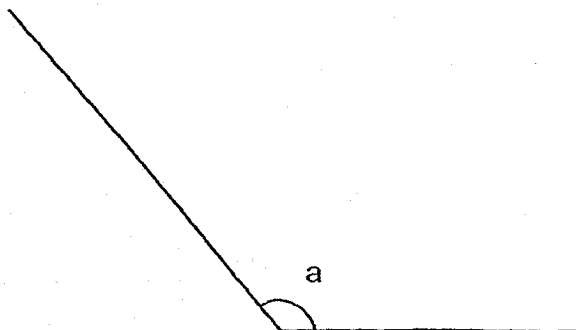
$$1\frac{5}{7}, \frac{6}{5}, 1\frac{1}{2}$$

Ans: _____ , _____ , _____
(greatest) (smallest)

25. Write $8\frac{1}{4}$ as an improper fraction in the simplest form.

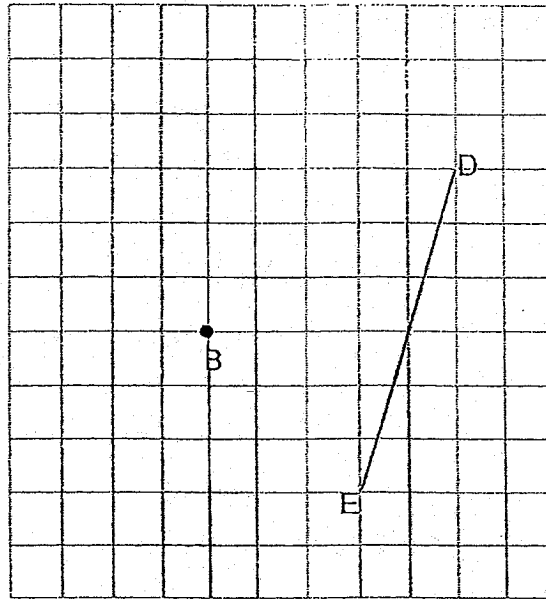
Ans: _____

26. Measure $\angle a$.



Ans: _____ °

27. Draw a line parallel to DE through point B.



28. Find the difference between 5400 m and 1380 m.
Give your answer in kilometres and metres.

Ans: _____ km _____ m

29. A number when rounded to the nearest hundred becomes 2700.
What could the greatest possible number be?

Ans: _____

30. This year, Meiqi's age is between 20 and 60 years old.
Her age now is a multiple of 6.
Next year, her age will be a multiple of 7.
How old is Meiqi this year?

Ans: _____ years old

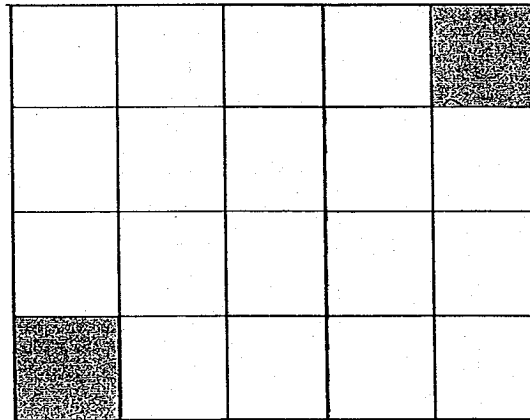
31. Peter saved 5 times as much money as Olivia.
Peter saved \$1720 more than Olivia.
How much did Olivia save?

Ans: \$ _____

32. Ali, Bob and Zi Yun collected 750 stamps altogether.
 Bob had twice as many stamps as Zi Yun.
 Ali had 30 more stamps than Zi Yun.
 How many stamps did Ali have?

Ans: _____ stamps

33. The figure below is made up of 20 identical squares. Two of them are shaded.
 How many **more** squares must be shaded so that $\frac{3}{5}$ of the figure is shaded?



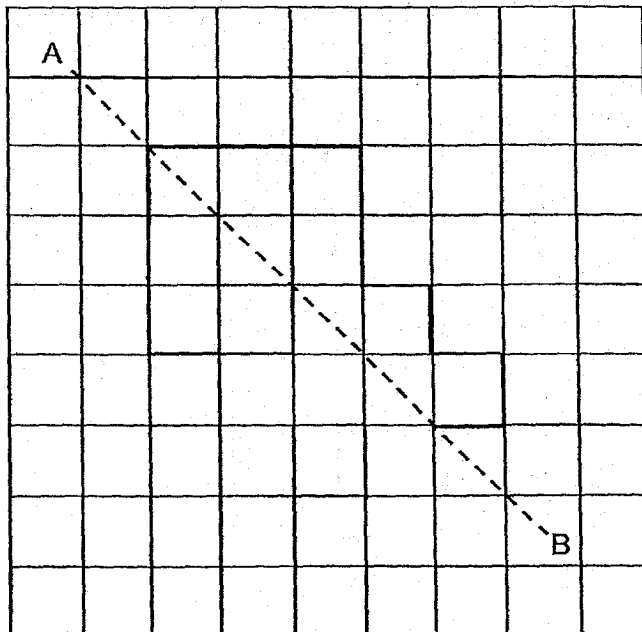
Ans: _____ more squares

34. Sharon bought 4 pizzas. She gave Lily $\frac{7}{9}$ of a pizza and gave Tom $\frac{1}{3}$ of a pizza.

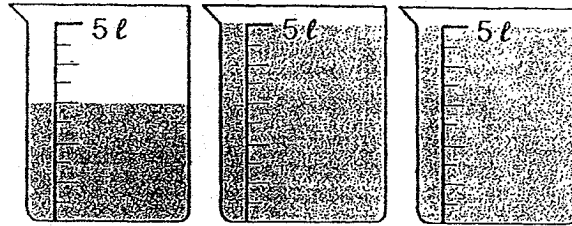
How many pizzas did Sharon have left? Express your answer as a mixed number in the simplest form.

Ans: _____

35. Complete the figure with AB as the line of symmetry.



36. The water in the three beakers below were poured into some identical containers. Each container has a capacity of 2 l. What is the least number of containers needed to hold all the water?



Ans: _____ containers

37. A number has 8 factors. Some of its factors are 1, 2, 3, 6 and 18. What is the number?

Ans: _____

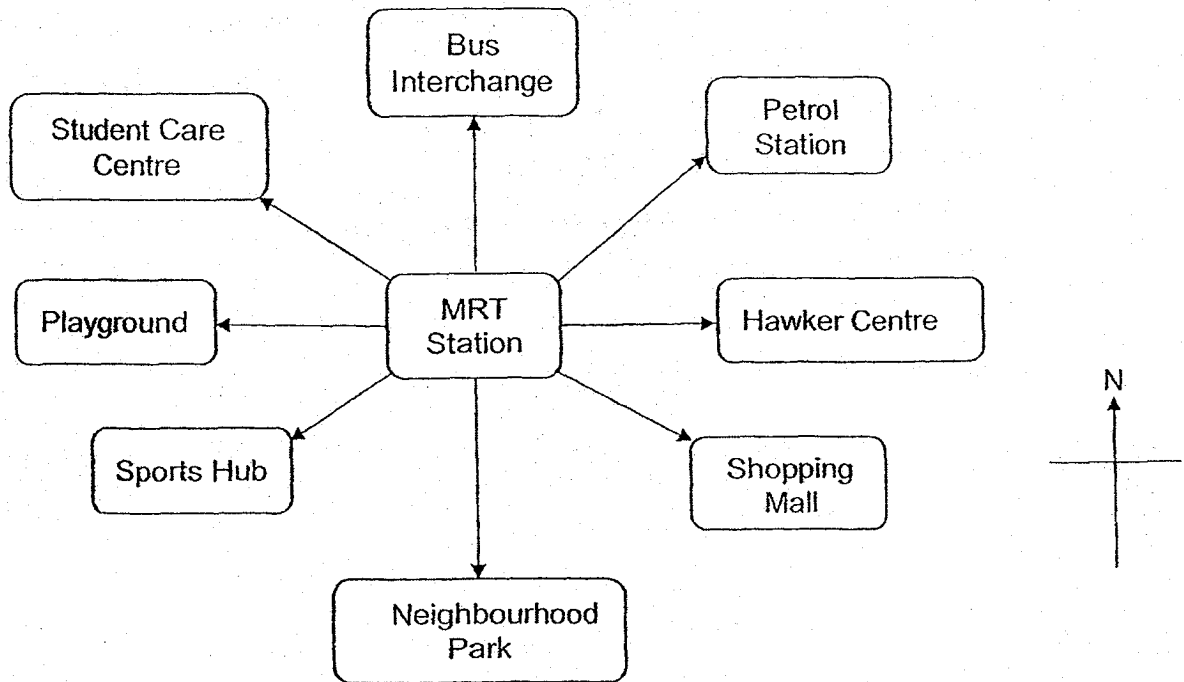
38. There were some marbles in a box. Raju took $\frac{3}{8}$ of the marbles and Justin took the rest. Raju took 56 fewer marbles than Justin. How many marbles were there in the box at first?

Ans: _____ marbles

39. Baker Tan had 14 kg of flour. She used $\frac{1}{7}$ of the flour to bake some cupcakes and $\frac{3}{7}$ kg of flour to bake some cookies. How much flour did she use?

Ans: _____ kg

40. Jolene is at the MRT Station. She makes a 225° turn in the clockwise direction and faces the shopping mall. Where was she facing at first?



Ans: _____

Section C (20 marks)

Questions **41** to **45** carry 4 marks each.

Show your working clearly in the space below each question.

For each question, write your number equations and final statement.

41. Clara and Alicia collected 1289 stamps.

Alicia and Bernice collected 634 stamps.

Clara collected 6 times as many stamps as Bernice.

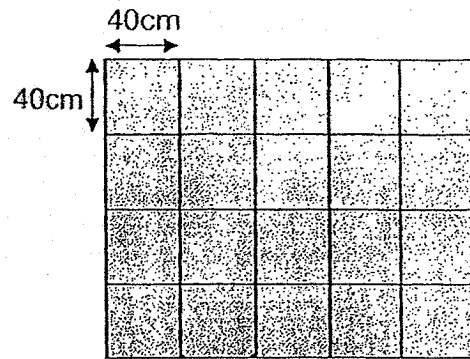
How many stamps did Alicia collect?

Ans: _____ [4]

42. The total capacity of a water bottle and a mug is $\frac{6}{7} \ell$. The capacity of the water bottle is $\frac{3}{5} \ell$. How much greater is the capacity of the water bottle than the mug?

Ans: _____ [4]

43. Mr Lim wants to cover a white noticeboard with square pieces of grey paper of sides 40 cm. He bought 20 sheets of paper and arranged them as shown below.



He realises that he still needs one row of paper at the bottom and two columns at the side to completely cover the noticeboard. What is the area of the noticeboard left uncovered?

Ans: _____ [4]

44. Khairul and Jason had a total of 1232 cards. After Khairul gave 342 cards to Jason, Khairul still had 298 more cards than Jason. How many cards did Jason have at first?

Ans: _____ [4]

45. Adele saved \$18 in the first week. Every week, she would save \$4 more than the previous week.

(a) Complete the table below to show the amount of money she saved each week.

Week	Amount of money saved each week	
1 st	\$18	
2 nd		[1]
3 rd		[1]

(b) How much more money did she save in the 5th week than in the 1st week?

Ans: (b) _____ [2]

/ 4

--End of Paper --

SCHOOL : MAHA BODHI PRIMARY SCHOOL

LEVEL : PRIMARY 4

SUBJECT : MATH

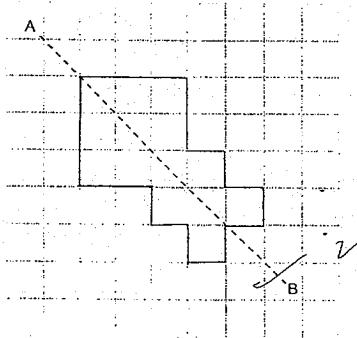
TERM : 2018 SA1

BOOKLET A

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

BOOKLET B

Q21)	Seventy thousand, three hundred and forty-nine
Q22)	8099
Q23)	1156
Q24)	$15/7$, $1\frac{1}{2}$, $6/5$
Q25)	$33/4$
Q26)	130°
Q27)	

Q28)	4 km 20 m
Q29)	2749
Q30)	48 years old
Q31)	\$430
Q32)	$750 - 30 = 720$ $720 \div 4 = 180$ $180 + 30 = 210$
Q33)	10
Q34)	28/9
Q35)	
Q36)	7
Q37)	54
Q38)	$56 \div 2 = 28$ $28 \times 8 = 224$
Q39)	$7 \text{ units} = 14$ $1 \text{ unit} = 14 \div 7 = 2$ $2 + 3/7 = 23/7$
Q40)	Playground
Q41)	$1289 - 634 = 655$ $6 - 1 = 5$ $655 \div 5 = 131$ $634 - 131 = 503$

Q42)	$30/35 - 21/35 = 9/35$ $21/35 - 9/35 = 12/35$ L
Q43)	$160 \times 200 = 32000$ $40 \times 7 = 280$ $200 \times 280 = 56000$ $56000 - 32000 = 24000\text{cm}^2$
Q44)	$342 \times 2 = 684$ $684 + 298 = 982$ $1232 - 982 = 250$ $250 \div 2 = 125$
Q45)	$26 + 4 + 4 = 34$ $34 - 18 = \$16$

