Maha Bodhi School
2017 Semestral Assessment 2
Primary 3
Mathematics
Booklet A

Name : _____ ( )

Class : Primary 3 _____

Date : 26 October 2017

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 6 printed pages.

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Section A (30 marks)

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

1. In 6587, which digit is in the hundreds place?

   (1) 5
   (2) 6
   (3) 7
   (4) 8

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

   722, 726, 725, 729, 728, _____, 731, 735, 734

   (1) 724
   (2) 727
   (3) 729
   (4) 732

3. Subtract 1786 from 3003.

   (1) 1217
   (2) 1327
   (3) 2323
   (4) 2783

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4. Multiply 374 by 6.

(1) 1824
(2) 2224
(3) 2244
(4) 2344

5. Which one of the following fractions is in its simplest form?

(1) $\frac{4}{6}$
(2) $\frac{4}{9}$
(3) $\frac{2}{10}$
(4) $\frac{2}{12}$

6. The table below shows the time taken by four boys to complete a Lego model.

Names of Boys	Time Taken
Ahmad	1 h 10 min
Bala	100 min
Charles	1 h 30 min
David	80 min

Who took the shortest time to complete the model?

(1) Ahmad
(2) Bala
(3) Charles
(4) David

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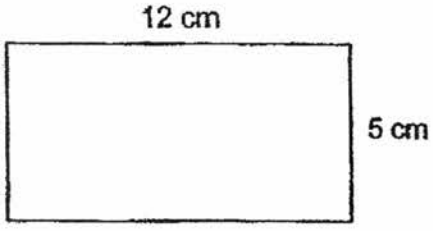
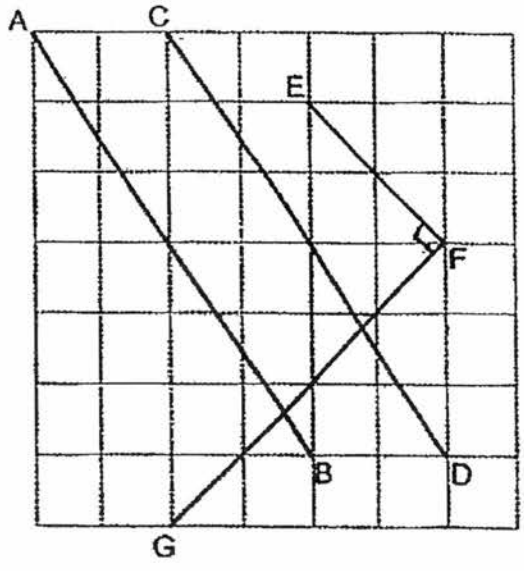
7. What is the perimeter of the rectangle?



(1) 17 cm
(2) 34 cm
(3) 48 cm
(4) 60 cm

8. Which pair of lines are perpendicular?



(1) AB and CD
(2) AB and FG
(3) EF and FG
(4) EF and CD

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9. Joy sold 138 tickets and Ken sold 97 tickets.
Lily sold 113 more tickets than Ken.
How many tickets did Lily and Joy sell?

(1) 389
(2) 348
(3) 251
(4) 210

10. There were 137 black buttons and 414 white buttons.
Nora mixed them together and packed them equally into 5 boxes.
How many buttons were not packed?

(1) 1
(2) 2
(3) 6
(4) 4

11. A bag of 6 apples costs $9.
How many apples can I buy with $54?

(1) 5
(2) 6
(3) 30
(4) 36

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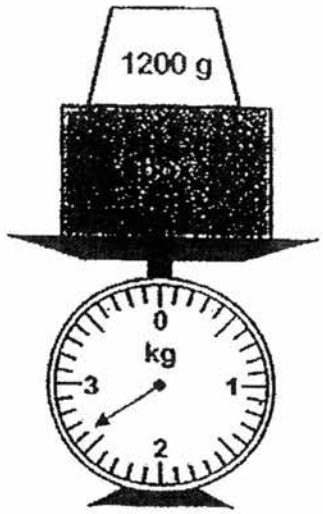
12. What is the mass of the box?



(1) 1200 g

(2) 1400 g

(3) 2600 g

(4) 3800 g

13. Gisele ate $\frac{1}{12}$ of a pizza and Breyon ate $\frac{1}{4}$ of the same pizza.

What fraction of the pizza was left?

(1) $\frac{1}{8}$

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

(3) $\frac{2}{3}$

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

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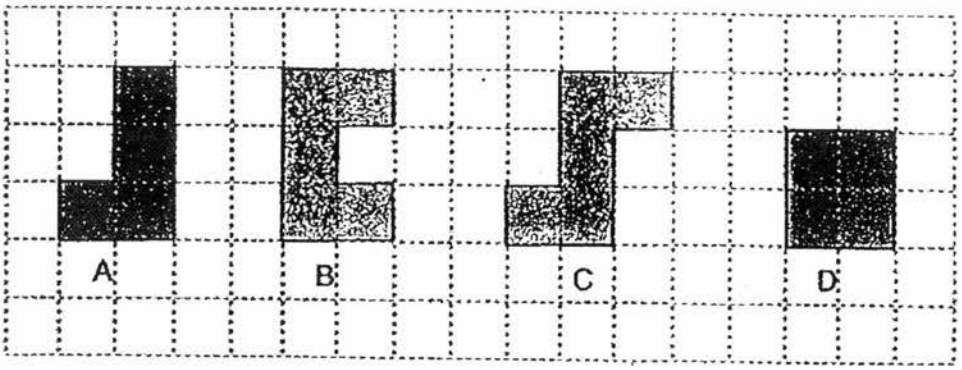
14. Which figure has the smallest perimeter?



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

15. Gopal had some mangoes at first.
His sister had 44 mangoes.
After Gopal gave away 18 mangoes, his sister had 10 mangoes more than him.
How many mangoes did Gopal have at first?

(1) 36
(2) 52
(3) 54
(4) 72

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Maha Bodhi School
2017 Semestral Assessment 2
Primary 3
Mathematics
Booklet B

Name : _____ ( )

Class : Primary 3 _____

Date : 26 October 2017

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

Booklet	Marks Obtained	Max Marks
A		30
B		50
Total		80

Parent's signature: _____

This booklet consists of **10** printed pages.

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Section B (30 marks)
Questions 16 to 30 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.

16. Write seven thousand, six hundred and nine in numerals.

Ans: _____

17. The sum of two numbers is 2548. The smaller number is 417.
What is the greater number?

Ans: _____

18. A fisherman sold 1136 fish and had 426 fish left.
How many fish did he have at first?

Ans: _____ fish

/ 6

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19. Divide 714 by 8. What is the remainder?

Ans: _____

20. What is the product of 7 and 9?

Ans: _____

21. Arrange the following fractions in order, beginning with the greatest

$\frac{4}{6}$, $\frac{2}{6}$, $\frac{5}{6}$

Ans: _____, _____, _____

greatest

/ 6

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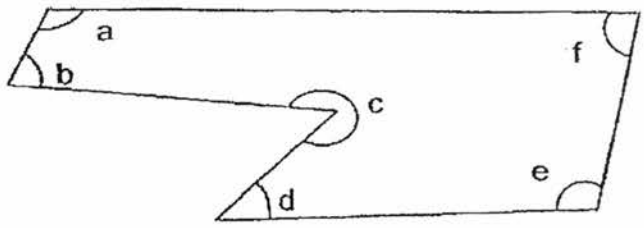
22. Annie cut a cake into 9 pieces.
She gave 3 pieces to her friends and 2 pieces to her neighbour.
What fraction of the cake did she give away?

Ans: _____

23. Name the three angles that are greater than a right angle.



Ans: ∠____, ∠ ____ and ∠____

24. Use all the digits 5, 1, 7 and 2 to form the smallest 4-digit even number

Ans: _____

/ 6

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25. Ahmad and Joshua have 120 stickers altogether.
Ahmad has twice as many stickers as Joshua.
How many more stickers does Ahmad have than Joshua?

Ans: _____ stickers

26. (a) Figure A is made up of identical squares.
Find the area of Figure A.

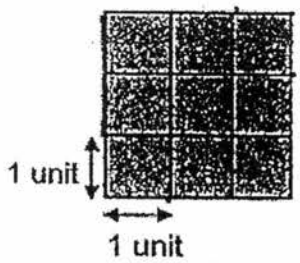

Figure A

Ans: _____square units

(b) Draw a rectangle that has an area which is 3 square units more than that of Figure A in the grid below.

/ 4

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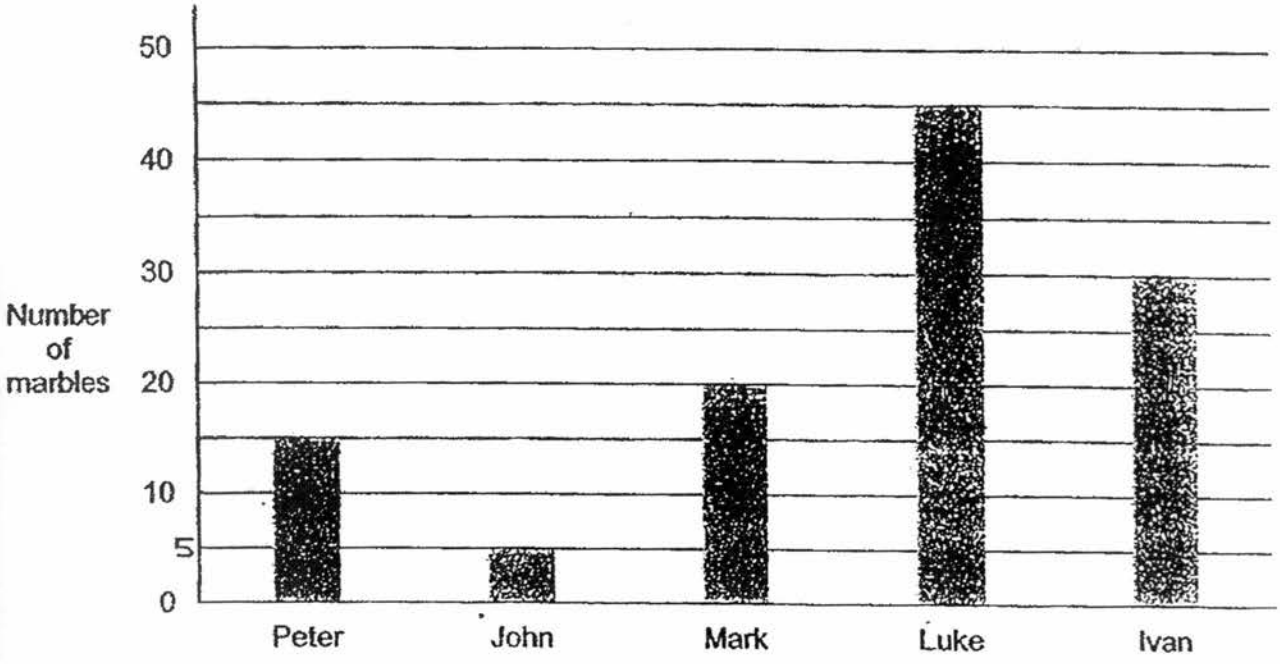
The bar graph below shows the number of marbles collected by 5 children.

Study it carefully and use it to answer questions 27 and 28.



27. How many marbles did John and Mark collect altogether?

Ans: _____marbles

28. Who collected three times as many marbles as Peter?

Ans: _____

/ 4

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29. Zen had 56 more cards than Iris at first.
Zen then gave 103 cards to Iris.
How many fewer cards did Zen have than Iris in the end?

Ans: _____ cards

30. Mr Lee took 30 minutes to wash a car.
He started washing cars at 9.30 a.m. and ended at 11.10 a.m.
What was the greatest possible number of cars he washed?

Ans: _____ cars

/4

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Section C (20 marks)

Questions **31** to **34** carry 3 marks each.
Questions **35** to **36** carry 4 marks each.
Show your working clearly in the space below each question.
For each question, write your number equations and final statement.

31. There were 5032 adults at an exhibition.
There were 1243 fewer children than adults.
How many people were at the exhibition?

32. Samantha had 5 m of ribbon.
She used 156 cm of the ribbon to wrap a present and 75 cm of it to tie some flowers. How many centimetres of ribbon would she have left?

/ 6

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33. Bottle A contains 660 ml of apple juice and Bottle B contains 540 ml of apple juice. How much apple juice should be poured from Bottle A to Bottle B so that both bottles have the same amount of apple juice?

34. James drew the following pattern.

(a) How many triangles were there altogether between the first and the sixth square?

(b) James drew 21 triangles following the same pattern and ended with a square.
How many squares did he draw altogether?

/6

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35. A file costs $1.75 and a pen costs 85¢.

Jimmy has two $1 coins.

(a) How much more does the file cost than a pen?

(b) How much more money does Jimmy need to buy both the pen and the file?

/4

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36. Indra spent 3 h 15 min on his revision and Sandy spent 2 h 40 min on her revision.

(a) How much more time did Indra spend on revision than Sandy?

(b) Indra started his revision at 10.50 a.m.

At what time did he end his revision?

--End of Paper -

Remember to check your work! Every mark counts.

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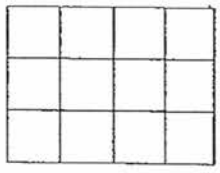
SCHOOL : MAHA BODHI SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2017 SA2

SECTION A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	4	1	3	2	1	2	3	2	1

Q11	Q12	Q13	Q14	Q15
4	2	3	4	2

SECTION B

Q16)	**7609**
Q17)	2548 – 417 = **2131**
Q18)	1136 + 426 = **1562**
Q19)	**2**
Q20)	7 x 9 = **63**
Q21)	**5/6, 4/6, 2/6**
Q22)	**5/9**
Q23)	**Angle a, Angle c, Angle e**
Q24)	**1572**
Q25)	120 ÷ 3 = **40**
Q26)	(a) 3 x 3 = **9** (b) 9 + 3 = **12** 
Q27)	5 + 20 = **25**

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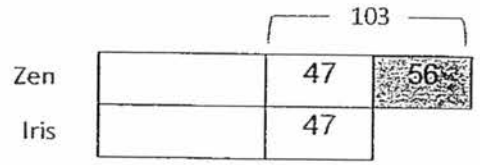
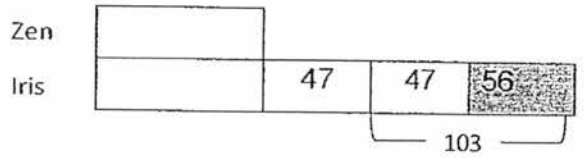
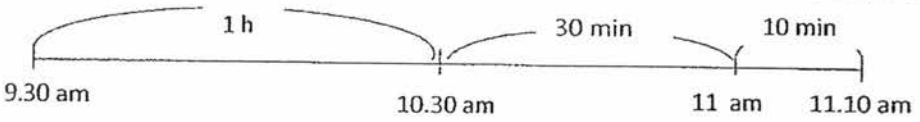
Q28)	15 x 3 = 45 **(Ans: Luke)**
Q29)	At First :  In the end :  103 – 56 = 47 47 + 103 = **150**
Q30)	 1 h + 30 min + 10 min = 1 h 40 min 1h → wash 2 cars 40 min → can only wash 1 car Total 2 + 1 = **3 cars**
Q31)	5032 – 1243 = 3789 5032 – 3789 = **8821**
Q32)	5 m = 500 cm 500 cm – 156 cm – 75 cm = **269 cm**
Q33)	660 ml – 540 ml = 120 ml 120 ÷ 2 = **60 ml**

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Q34)	(a) 3 x 5 = **15** (b) 21 ÷ 3 = 7 7 + 1 = 8
Q35)	(a) \$1.75 – \$0.85 = **\$0.90** (b) \$1.75 + \$0.85 = \$2.60 \$2.60 - \$2.00 = **\$0.60**
Q36)	a) 3 h 15 min = 195 min 2 h 40 min = 160 min 195 min – 160 min = 35 min b)  **Ans: 2.05 pm**

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