

2017 Semestral Assessment 1
Primary 3
Mathematics
Booklet A

Name : _____ ()

Class : Primary 3 _____

Date : 5 May 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.

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.

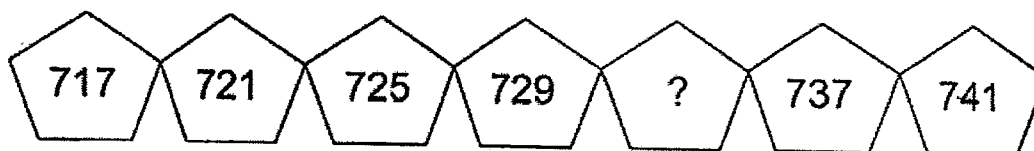
Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. 2314 is the same as 2 thousands hundreds, 1 ten and 4 ones.

What is the missing number in the box?

- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
2. Which one of the following numbers is the smallest?
- (1) 430
 - (2) 342
 - (3) 339
 - (4) 493
3. Which set of numbers is arranged from the greatest to the smallest?
- (1) 894, 851, 832, 876
 - (2) 894, 876, 851, 832
 - (3) 832, 851, 876, 894
 - (4) 876, 894, 832, 851

4.



What is the missing number in the pattern?

- (1) 731
- (2) 732
- (3) 733
- (4) 735

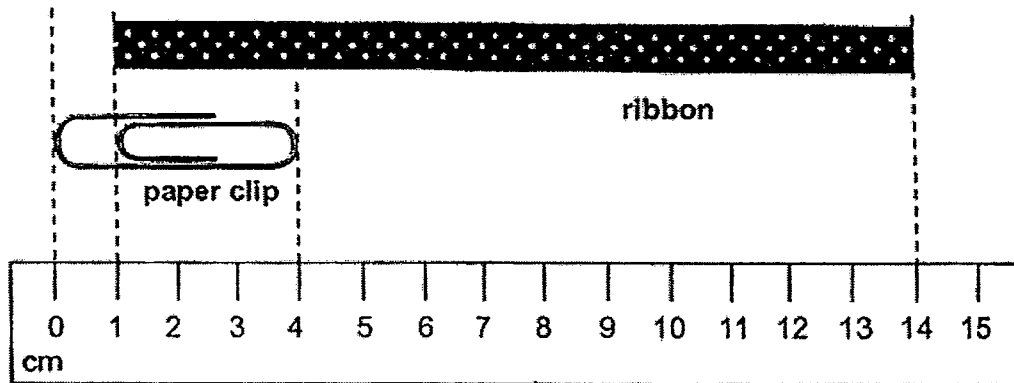
5. Subtract 345 from 6471.

- (1) 6124
- (2) 6126
- (3) 6134
- (4) 6146

6. Find the product of 453 and 5.

- (1) 3505
- (2) 2265
- (3) 2255
- (4) 2055

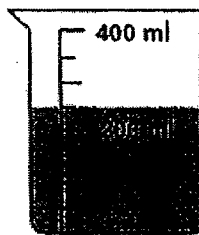
7.



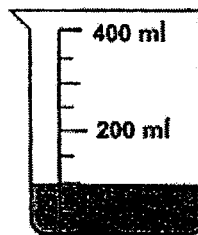
How much longer is the ribbon than the paper clips?

- (1) 13 cm
- (2) 10 cm
- (3) 9 cm
- (4) 4 cm

8.



Container A



Container B

How much more water does Container A have than Container B?

- (1) 200 ml
- (2) 190 ml
- (3) 180 ml
- (4) 150 ml

9. What time is one hour before 6.30 a.m.?

- (1) 5.30 a.m.
- (2) 6.00 a.m.
- (3) 7.00 a.m.
- (4) 7.30 a.m.

10. Which one of the following is the same as 7 thousands, 13 hundreds and 5 tens

- (1) 7135
- (2) 7180
- (3) 8135
- (4) 8350

11.

$$\begin{array}{r} 5 \ 6 \ \boxed{?} \ 7 \\ + \ 6 \ 8 \ 8 \\ \hline 6 \ 3 \ 2 \ 5 \end{array}$$

What is the missing number in the box?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

12. Peter had 2934 stamps. He had 1093 more stamps than Ali.

Raju had 773 fewer stamps than Ali.

How many stamps did Raju have?

- (1) 1068
- (2) 1841
- (3) 3254
- (4) 4800

13. A number when divided by 7 gives a quotient of 259 and a remainder of 6.

What is the number?

- (1) 1561
- (2) 1813
- (3) 1819
- (4) 1855

14. Which one of the following shows that $\frac{1}{3}$ of the figure is shaded?



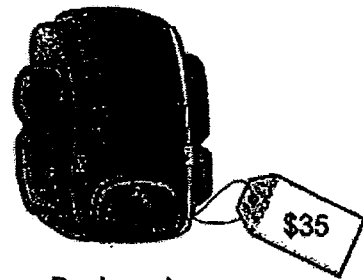
15.



Teddy Bear



Toy Gun



Backpack

Tom has some money. The amount he has is enough to buy a teddy bear and a toy gun but it is not enough to buy a toy gun and a backpack.

Which one of the following is a possible amount that he has?

- (1) \$58
- (2) \$76
- (3) \$84
- (4) \$107



Maha Bodhi School
2017 Semestral Assessment 1
Primary 3
Mathematics
Booklet B

Name : _____ ()

Class : Primary 3 _____

Date : 5 May 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.

Section B (30 marks)

Questions 16 to 30 carry 2 marks each.

Write your answers in the spaces provided, giving the answers in the units stated.

Show your working clearly in the space provided below each question.

16. Write 3614 in words.

Ans: _____

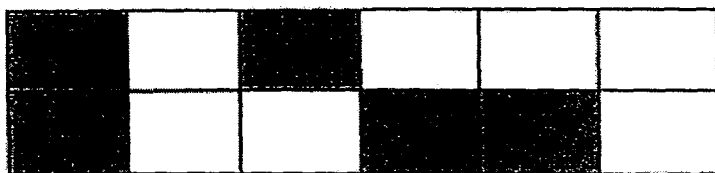
17. Find the sum of 3729 and 684.

Ans: _____

18. What is the remainder when 766 is divided by 9?

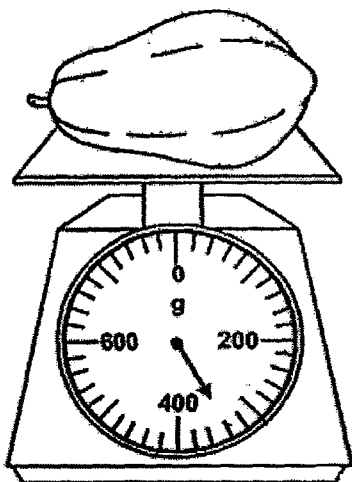
Ans: _____

19. What fraction of the figure is shaded?



Ans: _____

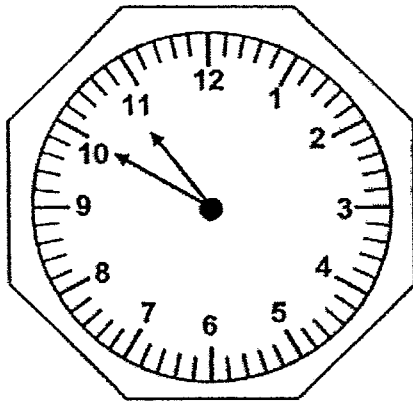
- 20.



What is the mass of the papaya?

Ans: _____ g

21.

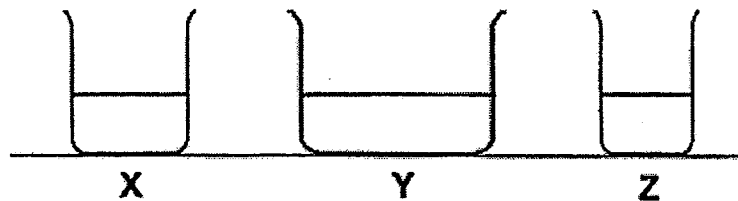


What is the time shown on the clock?

Ans: _____ a.m.

22. There is some water in the beakers shown below.

Arrange the volume of water in each beaker from the smallest to the greatest.



Ans: _____, _____, _____

23. $9000 - \boxed{?} = 6725 + 879$

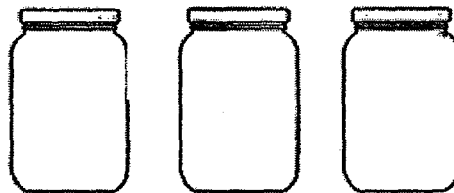
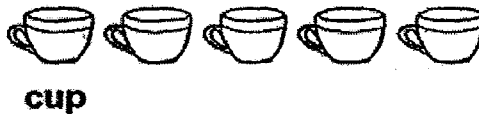
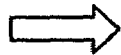
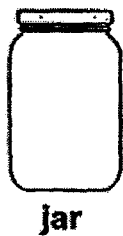
What is the missing number in the box?

Ans: _____

24. The capacity of one cup is 100 ml.

5 cups full of water are needed to fill a jar to the brim.

3 jars full of water are needed to fill a basin to the brim.



What is the capacity of the basin?

Ans: _____ ml

25. A television costs \$2938. A refrigerator costs \$723 more than the television.
Find the total cost of the television and the refrigerator.

Ans: \$ _____

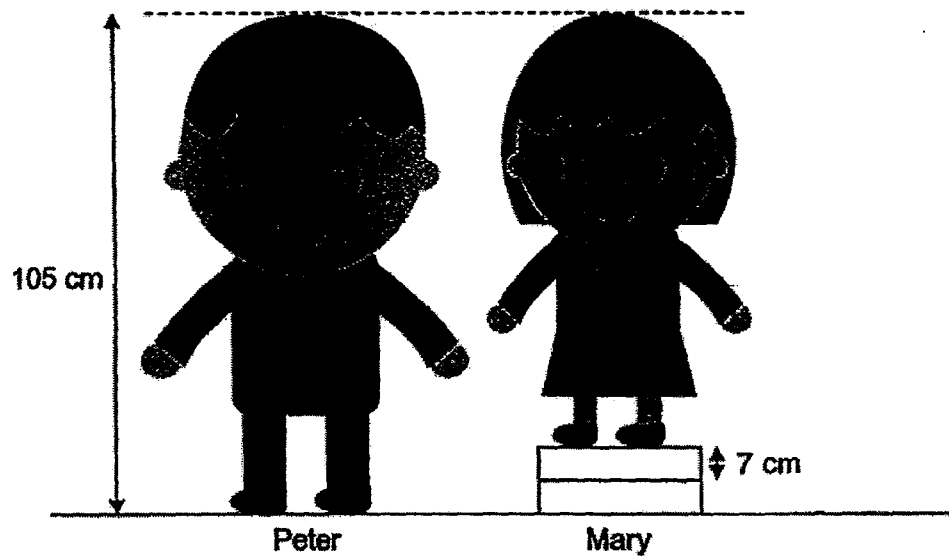
26. What is the smallest 4-digit odd number that can be formed using 5, 6, 3, 8?
Each digit can only be used once.

Ans: _____

27. The mass of 2 packets of flour is 6 kg.
Find the total mass of the 4 such packets of flour.

Ans: _____ kg

28.



What is Mary's height?

Ans: _____ cm

29. $56 \div 7 = \boxed{?} \div 4$

What is the missing number in the box?

Ans: _____

30. Jiamin gave a whole cake to her friends.

Each of them got $\frac{2}{8}$ of the cake.

How many friends did she give the cake to?

Ans: _____

Section C (20 marks)

Questions 31 to 34 carry 3 marks each.

Questions 35 and 36 carry 4 marks each.

Show your working clearly in the space below each question.

Write your number equations and final statements for each question.

31. Kelvin bought a pen and a book for \$21.

The pen cost \$3 more than the book.

How much did the book cost?

32. There were 428 men at a soccer match.

There were 275 fewer women at the match.

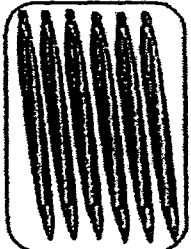
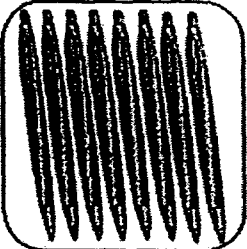
How many people were at the match altogether?

33. There were 276 children in a hall.
The number of girls was 3 times the number of boys.
How many girls were there in the hall?

34. Huili has 6 times as many stickers as Grace.
Huili has 360 more stickers than Grace.
How many stickers does Huili have?

35. Paul and Samantha had the same number of marbles at first.
Paul then gave 47 marbles to his brother and Samantha bought another 136 marbles.
In the end, Samantha had 220 marbles.
- (a) How many more marbles did Samantha have than Paul in the end?
 - (b) How many marbles did Paul have at first?

36. Pens are only sold in packets in Shop A and Shop B as shown below.

Shop A	Shop B
	
6 for \$4	8 for \$5

Mrs Tan and Mr Rajah want to buy at least 36 pens each.

- (a) Mrs Tan bought all the pens from Shop A.

What is the least number of packets of pens she must buy?

- (b) Mr Rajah bought all the pens from Shop B.

What is the least number of packets of pens he must buy?



Remember to check your work! Every mark counts.
—End of Paper—

14

SCHOOL : MAHA BODHI PRIMARY SCHOOL
 LEVEL : PRIMARY 3
 SUBJECT : MATH
 TERM : 2017 SA1

SECTION A

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

Q 11	Q12	Q13	Q14	Q15
3	1	3	2	2

SECTION B

Q16)	<u>Three thousand, six hundred and fourteen.</u>
Q17)	<u>4413</u>
Q18)	<u>1</u>
Q19)	<u>5/12</u>
Q20)	$300 + 40 = \underline{340 \text{ g}}$
Q21)	<u>10:50 am</u>
Q22)	<u>z, x, y</u>
Q23)	$6725 + 879 = 7604$ $9000 - 7604 = \underline{1396}$
Q24)	$1 \text{ jar} \rightarrow 5 \times 100 = 500 \text{ ml}$ $3 \text{ jar} \rightarrow 500 \times 3 = \underline{1500 \text{ ml}}$
Q25)	Television $\rightarrow \$2938$ Refrigerator $\rightarrow \$2938 + \$723 = \$3361$ Total cost $\rightarrow \$2938 + \$3661 = \underline{\$6599}$
Q26)	<u>3685</u>
Q27)	$1 \text{ packet of flour} \rightarrow 6 \div 2 = 3 \text{ kg}$ $4 \text{ packet of flour} \rightarrow 3 \times 4 = \underline{12 \text{ kg}}$
Q28)	$105 \text{ cm} - 14 \text{ cm} = \underline{91 \text{ cm}}$

Q29)	$56 \div 7 = 8$ $8 \times 4 = \underline{32}$
Q30)	$8 \div 2 = \underline{4}$
Q31)	$\$21 - \$3 = \$18$ $\$18 \div 2 = \underline{\$9}$
Q32)	Women $\rightarrow 428 - 275 = 153$ Total $\rightarrow 428 + 153 = \underline{581}$
Q33)	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;"> Girls Boys </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> </div> <div style="margin-left: 10px; font-size: 2em;">}</div> <div style="margin-left: 10px;">276</div> </div> $276 \div 4 = 69$ Girls $\rightarrow 69 \times 3 = \underline{207}$
Q34)	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;"> Huili Grace </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> </div> <div style="margin-left: 10px; text-align: center;"> \leftarrow 360 \rightarrow </div> </div> $360 \div 5 = 72$ Hui Li $\rightarrow 72 \times 6 = \underline{432}$
Q35)	<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;"> Paul Samantha </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 200px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px; background-color: #cccccc;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> </div> <div style="margin-left: 10px; text-align: center;"> \leftarrow 220 \rightarrow </div> </div> (a) $47 + 136 = \underline{183}$ (b) $220 - 136 = \underline{84}$
Q36)	(a) $36 \div 6 = 6$ (b) $36 \div 8 = 4 \text{ R } 4$ He must buy <u>5</u> packets of pens from Shop B