



**RAFFLES GIRLS' PRIMARY SCHOOL  
SEMESTRAL ASSESSMENT 1  
MATHEMATICS  
PRIMARY 3**

Name: \_\_\_\_\_ (     ) Class: P3 \_\_\_\_\_

Date: 14 May 2019

Duration: 1 h 45 min

| <b>Your Score</b>                  |  |
|------------------------------------|--|
| <b>Section A (Out of 28 marks)</b> |  |
| <b>Section B (Out of 32 marks)</b> |  |
| <b>Section C (Out of 20 marks)</b> |  |
| <b>Overall (Out of 80 marks)</b>   |  |
| <b>Parent's Signature</b>          |  |

**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 and show all working clearly.



### SECTION A (28 marks)

Questions 1 to 6 carry 1 mark each.

Questions 7 to 17 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. In 6145, the digit \_\_\_\_\_ is in the hundreds place.

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

2. What is the total amount of money shown below?



- (1) \$6.05
  - (2) \$6.55
  - (3) \$7.05
  - (4) \$7.50
3. What is the product of 6 and 305?
- (1) 1800
  - (2) 1830
  - (3) 1890
  - (4) 2130

4. What is the difference between 1459 and 5679?

(1) 3110

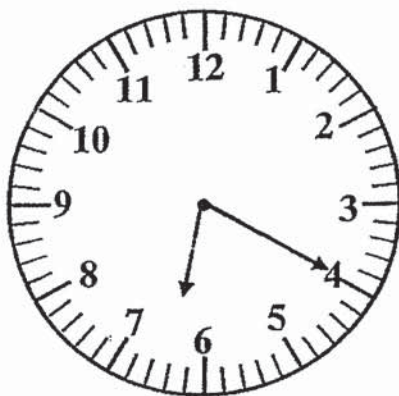
(2) 4220

(3) 6028

(4) 7138

5. One morning, Lily woke up at the time shown on the clock.

She woke up at \_\_\_\_\_.



(1) 4.30 a.m.

(2) 4.30 p.m.

(3) 6.20 a.m.

(4) 6.20 p.m.

6. Which shape is a cylinder?



Figure A

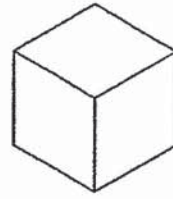


Figure B

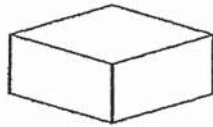


Figure C



Figure D

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

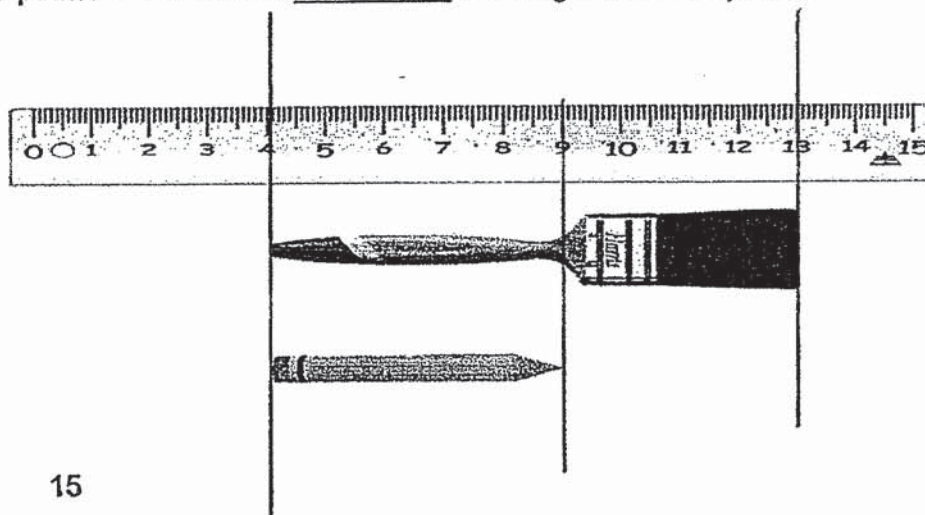
7.  $286 + 4053 =$  \_\_\_\_\_

- (1) 3767
- (2) 4239
- (3) 4339
- (4) 6913

8. Fatimah has 3 bags of marbles. There are 291 marbles in each bag. How many marbles does Fatimah have in all?

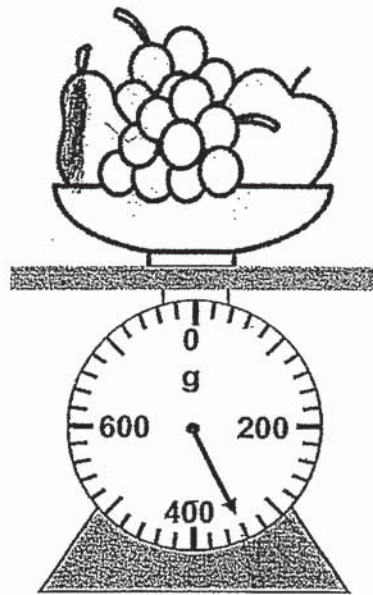
- (1) 97
- (2) 294
- (3) 582
- (4) 873

9. The paint brush is about \_\_\_\_\_ cm longer than the pencil.



- (1) 15
- (2) 13
- (3) 9
- (4) 4

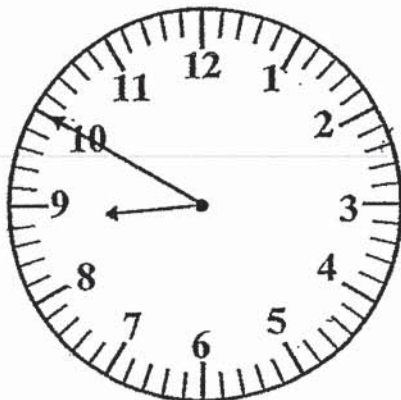
10. What is the mass of the bowl of fruits?



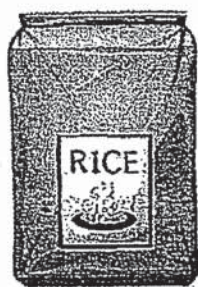
- (1) 207 g  
(2) 270 g  
(3) 340 g  
(4) 370 g
11. I am a four-digit number. The digit in the ones place is 9. The digit in the thousands place has a value of 1000. The digit in the tens place is twice the digit in the hundreds place. What number am I?
- (1) 1009  
(2) 1209  
(3) 1249  
(4) 1429



12. After dinner, Raj looked at the clock. He found that the time on the clock was 10 minutes slower than the actual time. What was the actual time?



- (1) 8.40 p.m.  
(2) 8.50 p.m.  
(3) 9.00 p.m.  
(4) 9.50 p.m.
13. Aini bought 2 packs of rice and 1 bottle of oil. She paid with a \$50 note. How much change did she receive?



\$9.90 per pack

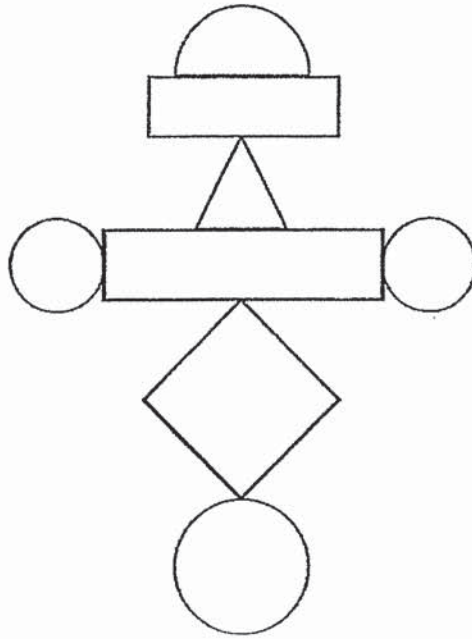


\$5.50 per bottle

- (1) \$15.40  
(2) \$24.70  
(3) \$25.30  
(4) \$34.60

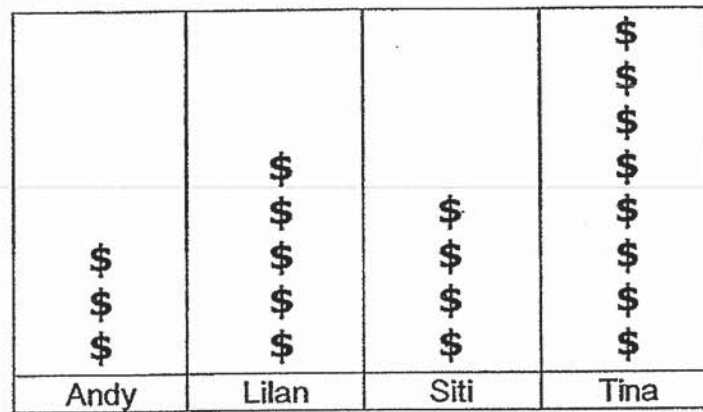


14. Study the figure carefully. What is the figure made up of?



- (1) 2 squares, 2 rectangles, 2 semi-circles, 1 triangle and 2 circles
- (2) 1 square, 1 rectangle, 2 semicircles, 2 triangles and 2 circles
- (3) 2 squares, 1 rectangle, 1 semi-circle, 2 triangles and 3 circles
- (4) 1 square, 2 rectangles, 1 semi-circle, 1 triangle and 3 circles

15. The graph shows the amount of money spent by 4 children.



Each \$ stands for \$5

How much more money did Tina spend than Andy?

- (1) \$20
  - (2) \$25
  - (3) \$55
  - (4) \$5
16. Farmer A had 1233 ducks. He had three times as many ducks as Farmer B. Farmer B had 199 more ducks than Farmer C. How many ducks did Farmer C have?
- (1) 212
  - (2) 411
  - (3) 610
  - (4) 3898

17. Zainab has \$16. What is the most number of packets of potato chips he can get?



1 packet for \$2  
Buy 3 Get 1 free

- (1) 12
- (2) 10
- (3) 8
- (4) 4

## **SECTION B ( 32 marks)**

Questions 18 to 23 carry 1 mark each.

Questions 24 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.

All diagrams are not drawn to scale. Marks will be awarded for relevant working.

18. Write five thousand, eight hundred and nine in numerals.

Answer: \_\_\_\_\_

19. Lana left for the library in the afternoon and arrived at the time shown below.  
At what time did she arrive at the library?



Answer: \_\_\_\_\_ p.m.

20. Find the sum of 3017 and 4962.

Answer: \_\_\_\_\_

21. What is the total amount of money shown?

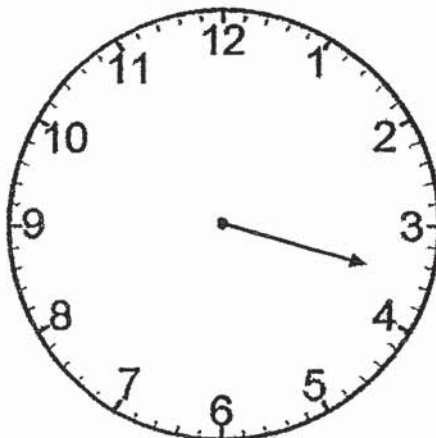


Answer: \$ \_\_\_\_\_

22. Divide 441 by 7. What is the quotient?

Answer: \_\_\_\_\_

23. Draw the minute hand on the clock to show 3.40 p.m.



24. Arrange the following numbers in order, beginning with the smallest.

5768

5678

5867

5687

Answer: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
(Smallest)

25. List **all** the even numbers between 50 and 60.

Answer: \_\_\_\_\_

26. Mrs Tan baked 700 muffins. She gave 60 muffins away and packed the rest equally into packets of 8. How many packets of muffin did Mrs Tan pack?

Answer: \_\_\_\_\_

27. Which two figures have flat surfaces?

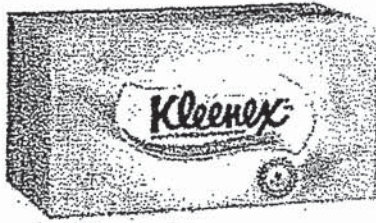


Figure A



Figure C

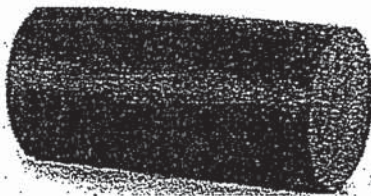


Figure B

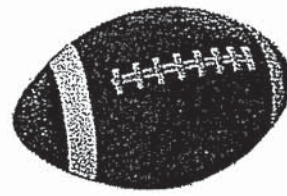


Figure D

Answer: Figure ( ) and Figure ( )

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

2945, 3445, 3245, 3745, \_\_\_\_\_, 4045, 3845


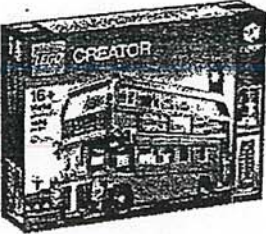
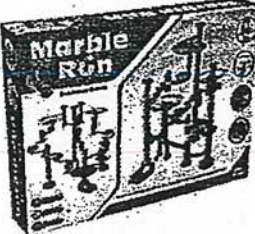

Answer: \_\_\_\_\_

29. A librarian bought 3608 English story books and Chinese story books. He bought 1998 English story books. How many Chinese story books did he buy?

Answer: \_\_\_\_\_



Use the information to answer questions 30 and 31.

|   |   |  |   |
|---|---|--|---|
|  |  |  |  |
| <b>Toy A</b><br><b>\$54.50</b>  | <b>Toy B</b><br><b>\$115.50</b>   | <b>Toy C</b><br><b>\$69.40</b>   | <b>Toy D</b><br><b>\$59.90</b>  |

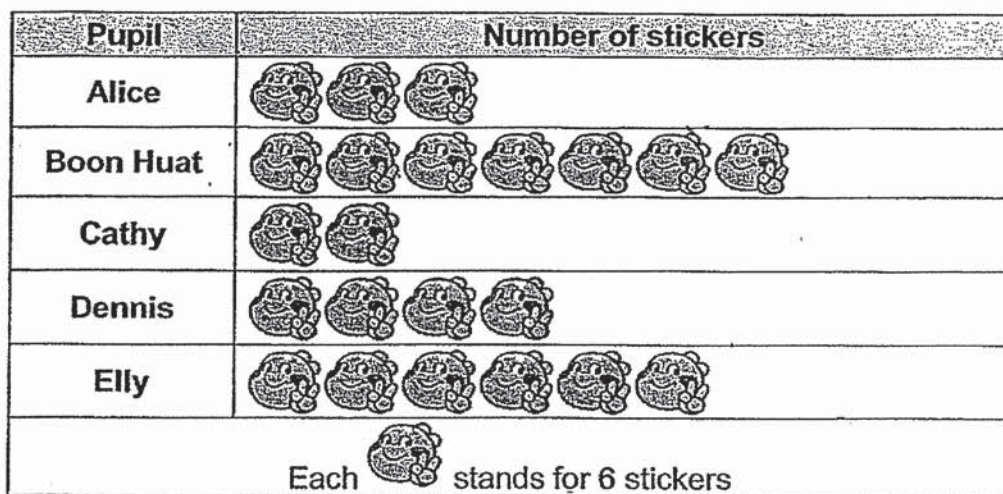
30. Collin bought Toy A and Toy B. How much cheaper was Toy A than Toy B?

Answer: \$ \_\_\_\_\_

31. Jenny had \$180. She bought two toys from a department store and received a change of less than \$10. Which two toys did Jenny buy?

Answer: Toy (       ) and Toy (       )

32. The picture graph shows the number of stickers that five pupils have.



How many stickers must Boon Huat give to Alice so that both of them have the same number of stickers?

Answer: \_\_\_\_\_

33. Mrs Lee bought 4 containers of syrup, A, B, C and D. The volume of the syrup in each container was 2 l, 3 l, 4 l and 6 l. Mrs Lee kept one container of syrup for herself and sold the rest to Mrs Wong. Which container of syrup did Mrs Lee keep for herself if the total volume of syrup bought by Mrs Wong was four times that of hers?



Container A



Container B



Container C



Container D

Answer: Container \_\_\_\_\_

34. Minah has four Bottles E, F, G and H, of different height. Bottle E is shorter than Bottle G but taller than Bottle H. Bottle H is taller than Bottle F. Arrange the height of the four Bottles E, F, G and H, in order, starting with the tallest.

Answer: Bottle \_\_\_\_\_, Bottle \_\_\_\_\_, Bottle \_\_\_\_\_, Bottle \_\_\_\_\_  
(tallest)

35. Fatimah thought of a 3-digit odd number. The number was divisible by 9. The digit in its tens place was divisible by 4. What was the greatest possible 3-digit odd number?

Answer: \_\_\_\_\_

36. Alan and Betty had 255 beads. Alan had four times as many beads as Betty. How many beads did Alan have?

Answer: \_\_\_\_\_

### **SECTION C (20 marks)**

For question 37 to 42, show your working clearly in the space provided for each question and write your answers with suitable units in the spaces provided. All diagrams are not drawn to scale. Marks will be awarded for relevant working.

The number of marks available is shown in brackets [ ] at the end of each question or part-question.

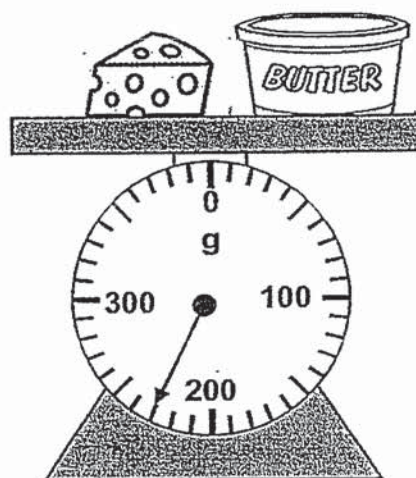
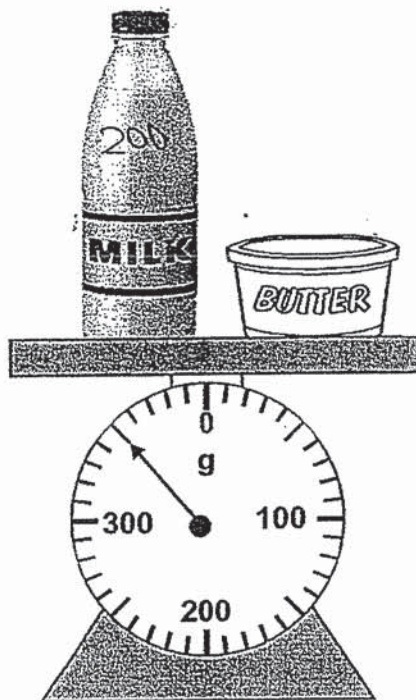
37. On Sunday, the Science Centre received 4600 visitors. 895 of them were men, 1688 were women and the rest were children.
- a) How many adults visited the Science Centre on Sunday?
  - b) How many children visited the Science Centre that day?

Answer: a) \_\_\_\_\_ [1]

b) \_\_\_\_\_ [2]

38. Betty bought some items from the supermarket as shown. The mass of the bottle of milk was 200 g.

- a) What was the mass of the tub of butter?
- b) Find the mass of the cheese.



Answer: a) \_\_\_\_\_ [1]

b) \_\_\_\_\_ [2]



39. Mdm Fatimah bought 68 blue pens and twice as many green pens for her pupils. All the pens were distributed equally to her pupils. Each pupil received 6 pens. How many pupils were there?

Answer: \_\_\_\_\_ [3]

40. Rayna and Limei have 1848 stickers altogether.  
Tina and Limei have 1270 stickers altogether.  
Tina has 890 stickers. How many stickers does Rayna have?

Answer: \_\_\_\_\_ [3]

41. Mr Lim bought an equal number of apples and pears on Monday. He spent a total of \$10. Given that an apple cost \$1.50 and it cost \$0.50 more than a pear, how many pears did Mr Lim buy?
- 

Answer: \_\_\_\_\_ [4]



42. A carpenter makes 15 wooden chairs on the first day. On the second day, he makes 3 chairs more than the first day. On the third day, he makes 3 chairs more than the second day. If the carpenter follows this pattern of making chairs, how many chairs will he make in 5 days?

Answer: \_\_\_\_\_ [4]



**SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL**

**LEVEL : PRIMARY 3**

**SUBJECT : MATH**

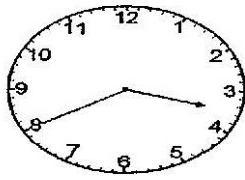
**TERM : 2019 SA1**

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**BOOKLET A**

| Q 1  | Q2  | Q3  | Q4  | Q5  | Q6  | Q7  | Q8 | Q9 | Q10 |
|------|-----|-----|-----|-----|-----|-----|----|----|-----|
| 1    | 3   | 2   | 2   | 3   | 4   | 3   | 4  | 4  | 3   |
| Q 11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 |    |    |     |
| 3    | 3   | 2   | 4   | 2   | 1   | 2   |    |    |     |

**BOOKLET B**

|      |   |
|------|---|
| Q18) | 5809  |
| Q19) | 1.55p.m.  |
| Q20) | 7979  |
| Q21) | \$2.65  |
| Q22) | 63  |
| Q23) |  |
| Q24) | 5678 , 5687 , 5768 , 5867   |
| Q25) | 52 , 54 , 56 and 58   |
| Q26) | $700 - 60 = 640$<br>$640 \div 8 = 80$   |
| Q27) | Figure (A) and Figure (B)   |
| Q28) | 3545  |
| Q29) | $3608 - 1998 = 1610$  |

|      |  |
|------|--|
| Q30) | $\$115.50 - \$54.50 = \$61.00$   |
| Q31) | Toy (D) and Toy (B)  |
| Q32) | 12   |
| Q33) | $2 + 3 + 4 + 6 = 15 \div 5 = 3$ Ans : B  |
| Q34) | G , E , H , F  |
| Q35) | 981  |
| Q36) | $255 \div 5 = 51$<br>$51 \times 4 = 204$   |
| Q37) | a) $895 + 1688 = 2583$<br>b) $4600 - 2583 = 2017$                                    |
| Q38) | a)150g<br>b)80g  |
| Q39) | $68 \times 3 = 204$ (all)<br>$204 \div 6 = 34$                                       |
| Q40) | $1270 - 890 = 380$<br>$1848 - 380 = 1468$  |
| Q41) | (pear) $1.50 - 0.50 = 1.00$<br>(1 set) $1.00 + 1.50 = 2.50$<br>$10.00 \div 2.50 = 4$ |
| Q42) | $15 \times 5 = 75$<br>$10 \times 3 = 30$<br>$75 + 30 = 105$                          |