



YANGZHENG PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1 – 2011
PRIMARY 3

MATHEMATICS

Name : _____ ()

Date : 5 May 2011

Class : Pr 3 _____

Parent's Signature :

Duration : 1 hour 45 minutes

This booklet consists of 16 pages and 45 questions.

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Section(s)	Marks
A	40
B & C	60
Total	100

Section A (20 x 2 marks)

For each question, four options are given. One of them is the correct answer. Choose the correct answer and shade its number in the OAS provided.

1. Nine thousand, nine hundred and nine can be written as _____.
 - (1) 9999
 - (2) 9099
 - (3) 9909
 - (4) 9990

2. In 4080, the value of the digit 4 is _____.
 - (1) 4000
 - (2) 400
 - (3) 40
 - (4) 4

3. What number is 100 more than 4321?
 - (1) 4221
 - (2) 4331
 - (3) 4421
 - (4) 5321

4. Joy has 59 stickers. Grace has 43 more stickers than Joy. If Grace buys another 50 stickers, how many stickers will both of them have altogether?
 - (1) 102
 - (2) 125
 - (3) 152
 - (4) 211

5. 34 tens and 2560 make _____ hundreds.
 - (1) 9
 - (2) 29
 - (3) 290
 - (4) 2900

6. 5 groups of 6 can also be written as _____.

(1) $5 + 5 + 5 + 5 + 5$

(2) $6 + 6 + 6 + 6 + 6$

(3) $6 + 6 + 6 + 6 + 6 + 6$

(4) $5 + 6 + 5 + 6 + 5 + 6$

7. The product of 150 and 6 is _____.

(1) 25

(2) 144

(3) 600

(4) 900

8. Complete the number pattern below.

5510, 5610, 5710, _____

(1) 5700

(2) 5720

(3) 5810

(4) 5820

9. A baker baked 133 cakes each day.

How many cakes would he bake in one week?

(1) 19

(2) 140

(3) 665

(4) 931

10. What is the missing digit in the box below?

$$\begin{array}{r} 7 \quad \boxed{?} \quad 0 \quad 1 \\ - 2 \quad 1 \quad 9 \quad 6 \\ \hline 5 \quad 5 \quad 0 \quad 5 \end{array}$$

- (1) 7
 - (2) 6
 - (3) 5
 - (4) 4
11. Sally bought 2 pizzas. She cut each pizza equally into 8 slices. How many slices of pizza were there altogether?
- (1) 16
 - (2) 10
 - (3) 6
 - (4) 4
12. Subtract 60 from the sum of 700 and 50. The answer is _____.
- (1) 690
 - (2) 710
 - (3) 750
 - (4) 810
13. Mr Tay arranged 17 rows of chairs. There were 6 chairs in each row. After that, he added 3 more chairs in each row. How many chairs were there in the end?
- (1) 102
 - (2) 105
 - (3) 120
 - (4) 153

14. Rita bought 30 pineapple tarts at 3 for \$2.
How much did she pay for the pineapple tarts?

- (1) \$10
- (2) \$20
- (3) \$60
- (4) \$90

15. Mrs Tan is 7 years older than Mrs Lee.
If Mrs Lee is 35 years old, what is their total age?

- (1) 28
- (2) 42
- (3) 63
- (4) 77

16. The difference between 2 numbers is 65.
If the smaller number is 143, what is the bigger number?

- (1) 78
- (2) 130
- (3) 208
- (4) 286

17. Aminah shares the box of beads equally with 4 other girls. How many beads does each girl get?

- (1) 18
- (2) 108
- (3) 109
- (4) 135



18. When I divide a number by 9, its quotient is 8 and its remainder is 7.
What is the number?

- (1) 56
- (2) 65
- (3) 72
- (4) 79

19. Which figure below is made up of equal number of curves and straight lines?

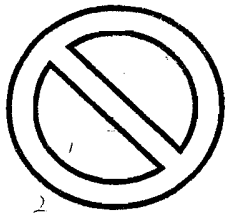


Figure A



Figure B

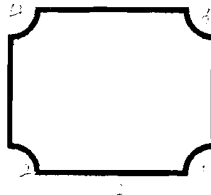


Figure C

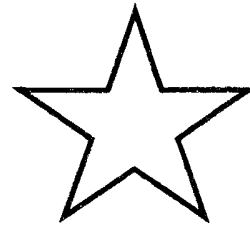
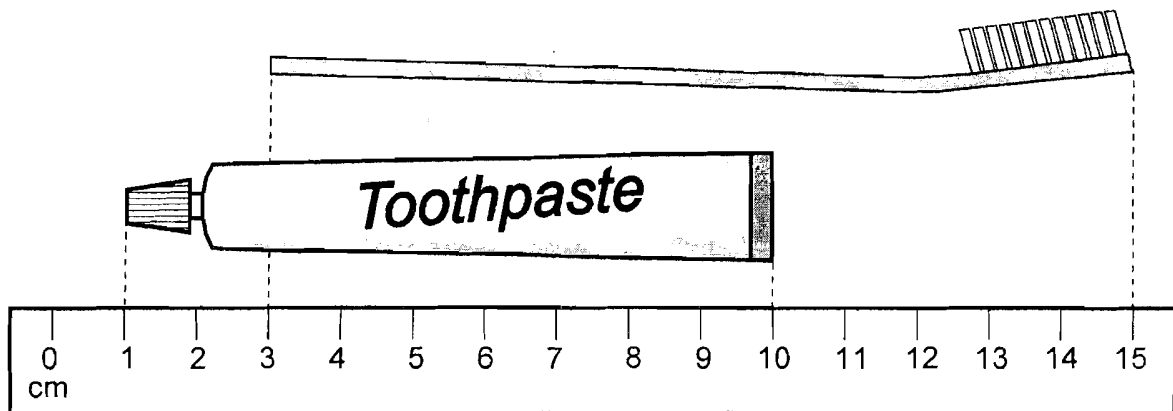


Figure D

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

20. Look at the diagram below carefully.



The toothbrush is _____ cm longer than the toothpaste.

- (1) 5
- (2) 9
- (3) 3
- (4) 12

Section B (20 x 2 marks)

For each of the following questions, write the correct answer in the boxes provided.

21. Write three thousand, five hundred and eight in numerals.

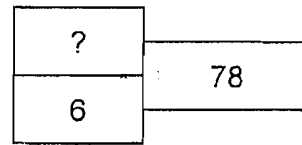
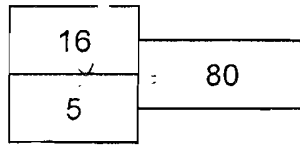
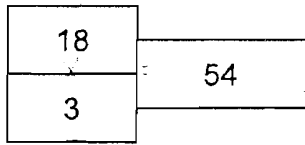
22. Use the following digits to form the biggest 4-digit even number.
Each digit can only be used once.

8	3	7	4
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23. Julie has 126 stickers. Rosie has thrice as many stickers as Julie. How many stickers do the two of them have altogether?

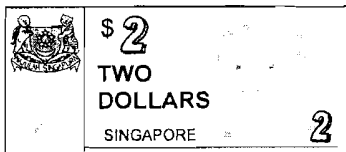
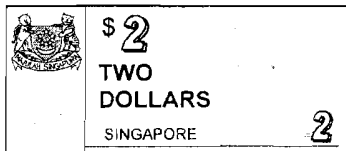
24. I am a number between 60 and 70.
You will find me if you count in steps of 9.
What number am I?

25. Study the number pattern below carefully.



The missing number in the box is _____.

26. What is the correct amount of money shown below?



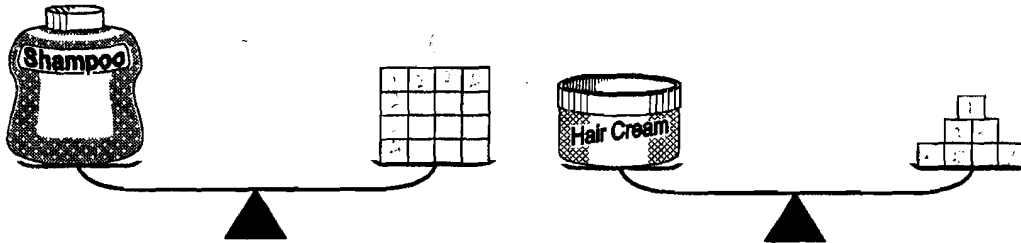
27. There are 2119 fewer children than adults at an exhibition. If there are 3885 children, how many adults are there at the exhibition?

28.

What is the missing number in the number pattern below?



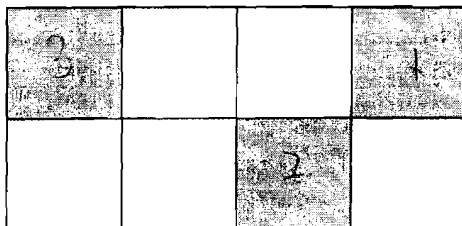
29. The pictures below show two identical weighing scales.



stands for 1 unit.

The total mass of the shampoo and hair cream is _____ units.

30. The figure below is made up of identical squares. What fraction of the figure is shaded?



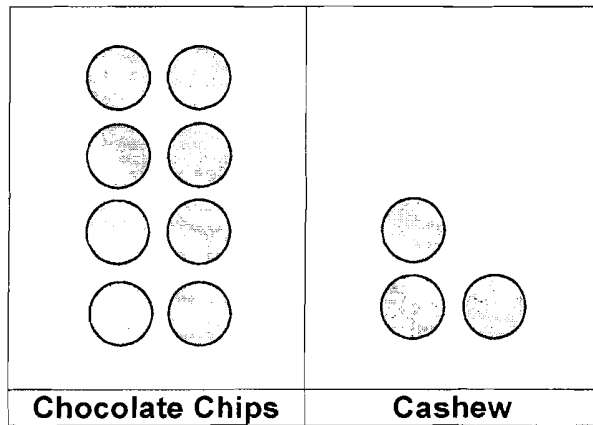
31. There are 280 balloons at a birthday party. 160 balloons are yellow and the rest are blue. How many more yellow balloons than blue balloons are there?

32. Clara eats one apple every day. If Danny eats 3 apples more than Clara in a week, how many apples does Danny eat in 6 weeks?

33. Mabel and her 2 friends shared \$540 among themselves. Her 2 friends received an equal amount of money. Mabel received twice as much money as each of her 2 friends. How much money did Mabel receive?

34. Peter ate $\frac{2}{7}$ of a pizza. His sister ate $\frac{1}{7}$ of the pizza. What fraction of the pizza was left?

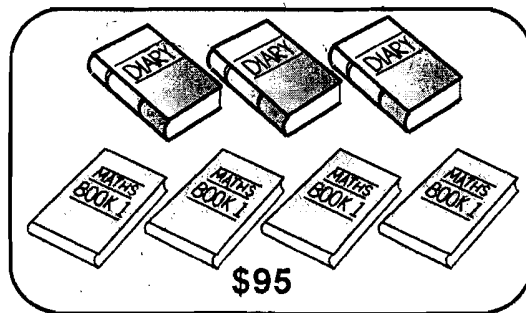
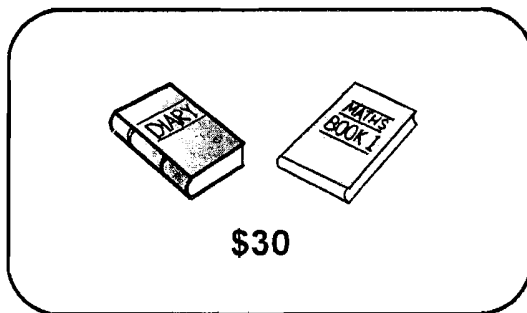
35. The picture graph below shows two different types of cookies baked by Alice.



Each  stands for 8 units.

Alice baked _____ fewer cashew cookies than chocolate chips cookies.

36. 1 book and 1 diary cost \$30. 4 books and 3 diaries cost \$95.
How much does 1 diary cost?



\$

Handwritten: 2000 10

37. There were 136 packets of sweets in a shop. If there were 6 sweets in each packet, how many sweets were there altogether?

38. Felicia, Henry and Lydia have a total of 4500 stickers. Felicia has 1337 stickers and Henry has 1516 stickers. How many fewer stickers does Henry have than Lydia?

39. Jill had 502 marbles. She packed them equally into bags of 8 marbles. How many marbles were left unpacked?

40. Rachel is 42 years old now. She is three times as old as her niece. How old will her niece be in 5 years' time?

Section C (5 x 4 marks)

Solve the following problems. Show your working clearly in the given space.

41. There are 20 groups of children in a hall.
There are 4 boys and 3 girls in each group.
How many children are there in the hall?

Ans: _____ [4 m]

42. A florist sold 3755 flowers. She sold 943 roses and 632 more carnations than roses. The rest of the flowers sold were daisies.

(a) How many carnations were sold?

(b) How many daisies were sold?

Ans: (a) _____ [2 m]

(b) _____ [2 m]

43. The figures below are made up of identical triangles.

(a) How many triangles are there in Figure 7?

(b) Which figure has 24 triangles?

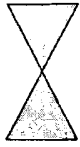


Figure 1

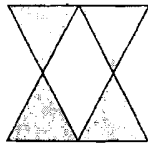


Figure 2

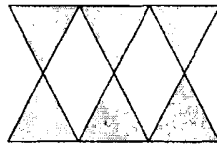


Figure 3

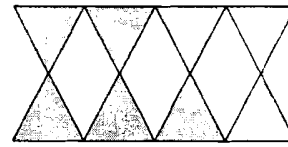


Figure 4

Ans: (a) _____ [2 m] ✓

(b) _____ [2 m] ✓

44. When 5 children shared some sweets equally, each of them received 16 sweets. 3 more children joined the group and the sweets were shared equally amongst them. How many sweets did each child receive in the end?

Ans: _____ [4 m];

-
45. Joe paid \$499 for a camera. Then, he wanted to buy a computer that cost \$1899. However, he was short of \$658. How much money did Joe have at first?

Ans: _____ [4 m]

End of Paper

SECTION A

1	2	3	4	5	6	7	8	9	10
3	1	3	4	2	2	4	3	4	1
11	12	13	14	15	16	17	18	19	20
1	1	4	2	4	3	2	4	3	3

SECTION B

21	22	23	24	25	26	27	28	29	30
3508	8734	504	63	13	\$6.25	6004	405	23	3/8
31	32	33	34	35	36	37	38	39	40
40	60	\$270	4/7	40	25	816	131	6	19

SECTION C

- 41** 140
42a. 1575 b. 1237
43a. 14 b. 12
44 10
45 \$1740