Pei Chun Public School
Semestral Assessment 1 – 2011
Mathematics
Primary 3

Name: _____ (   )   Marks :

This Booklet	80	
Booklet K	20	
TOTAL	100	

Class : Primary 3 ___

Date : 10 May 2011

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature: _____

Section A (8 × 2 marks)

For each question, choose the correct answer and write its number in the brackets provided.

1.   In 9678, which digit is in the hundreds place?

   (1)   9   (2)   8

   (3)   7   (4)   6   (   )

2.   The product of 6 and 7 is _____.

   (1)   1   (2)   13

   (3)   42   (4)   48   (   )

3.   Find the quotient of 487 ÷ 4.

   (1)   121   (2)   491

   (3)   3   (4)   1948   (   )

4. Which of the following is the smallest?

   (1) $\dfrac{1}{7}$ (2) $\dfrac{1}{2}$

   (3) $\dfrac{1}{5}$ (4) $\dfrac{1}{4}$ (   )

5. Eva saved $22.25. Faye saved $66.75. How much **more** money did Faye save than Eva?
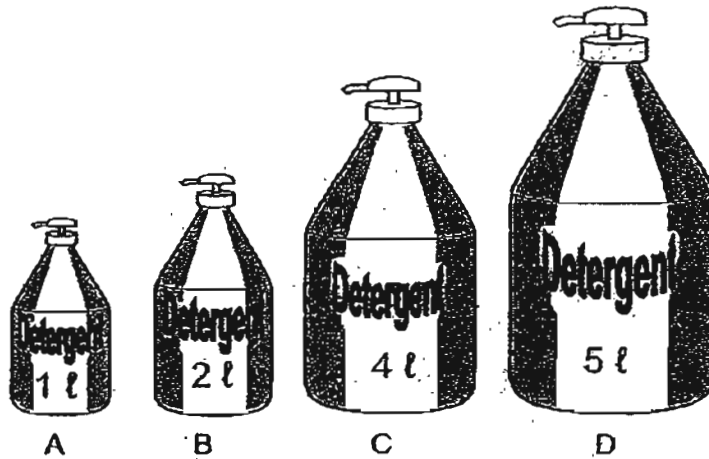
   (1) $44.00   (2) $44.50

   (3) $88.90   (4) $89.00   (   )

6. A shopkeeper sold 10 ℓ of detergent.

A   B   C   D

   Which three of these bottles did he sell?

   (1) A, B and C   (2) A, B and D

   (3) A, C and D   (4) B, C and D   (   )

7. Eugene is 9 years old. His mother is 4 times as old as he is. What is the difference in their ages?

   (1) 13 years   (2) 27 years

   (3) 36 years   (4) 45 years   (   )

8. Hong Lim thought of a number. He multiplied it by 3 and then subtracted 14 from the product. The final answer is 28. What number did Hong Lim think of?

   (1) 126   (2) 70

   (3) 42   (4) 14   (   )

9. **Refer to Booklet K.**

10. **Refer to Booklet K.**

Section B (20 × 2 marks)

Show your working clearly in the space below each question. Write the answers in the blanks provided. For questions that require units, give your answers in the units stated.

11. Write 9 thousands 4 tens 3 ones in figures.

Answer : _____

12. What is the missing number in the pattern?

2470,   2670,   2870,   _____,   3270.

Answer : _____

13. Find the sum of 3745 and 2169.

Answer : _____

14. What is the missing digit in the box?

$$
\begin{array}{ccccc}
 & 6 & 5 & \boxed{} & 5 \\
- & 2 & 8 & 1 & 9 \\
\hline
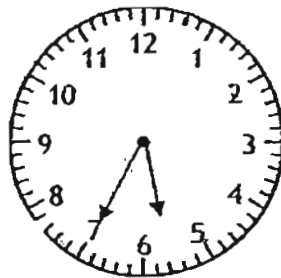 & 3 & 7 & 7 & 6 \\
\hline
\end{array}
$$

Answer : _____

15. How many 5-cent coins make $2?

Answer : _____

16. What must be added to $\frac{3}{7}$ to make 1 whole?

Answer : _____

17. The time shown on the clock face below is 45 minutes slow.
The correct time is _____.

Answer : _____ p.m.
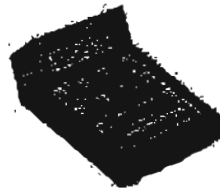
18. What is the total mass of the three objects below?

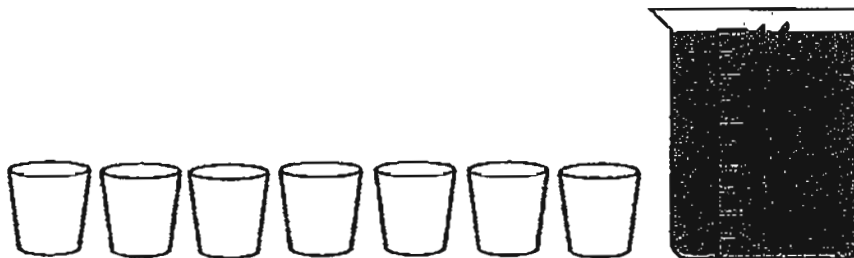68 g   50 g   90 g

Answer : _____ g

19. $297 \div 5 =$ _____

Answer : _____

20.   Mrs Wang went to the Science Centre with her two children. She spent a total of $21.50 on entrance tickets. An adult ticket cost $9.50. How much did a child ticket cost?

Answer : _____

21.   A 1-litre beaker of water can fill 7 cups.

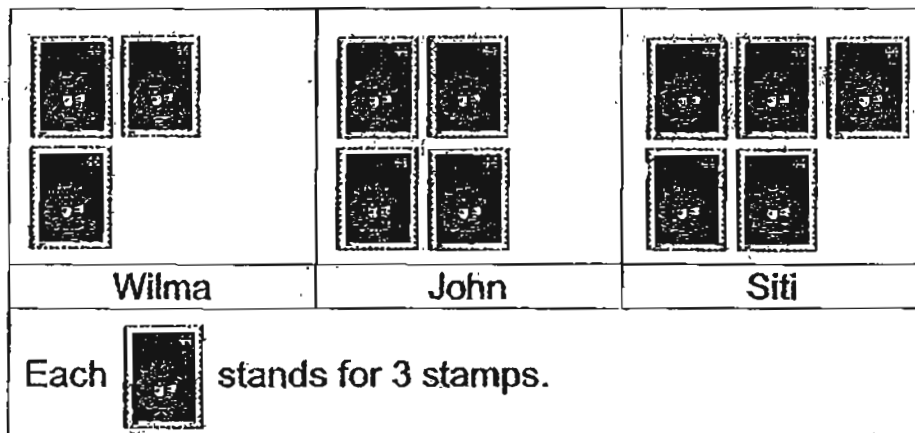How many cups can a 2-litre beaker fill?

Answer : _____

22.   Subtract 154 from the product of 28 and 7.

Answer : _____

23.   Find the sum of 45 cents, $6 and $409.30.

Answer : _____

24.   The graph below shows the number of stamps 3 children have collected.

Wilma	John	Siti

Each [stamp] stands for 3 stamps.

How many stamps must Siti give to John so that she will have the same number of stamps as Wilma?

Answer : _____

25. What is the missing number in the blank?

$$8000 + 200 + 90 + 4 = 100 + \underline{\hspace{3cm}}$$

Answer : _____

26. Mr Wong gave 7 cards to each pupil in a class. There are 37 pupils in the class. He has 5 cards left. How many cards did Mr Wong have at first?

Answer : _____

27. Siew Mei paid $103.70 for some groceries at the supermarket. How much money did she give the cashier if she received $46.30 as change?

Answer : _____

28. Use the digits 0, 2 and 9 to form the greatest 3-digit odd number. Each digit can only be used once.

Answer : _____

29. At first, Pete had 6 marbles more than Shirley. Then, Shirley gave Pete 9 marbles. How many **more** marbles did Pete have than Shirley in the end?

Answer : _____

30. The product of two numbers is 98. The smaller number is half of the greater number. What is the greater number?

31. **Refer to Booklet K.**

32. **Refer to Booklet K.**   Answer : _____

33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

Section C (6 × 4 marks)

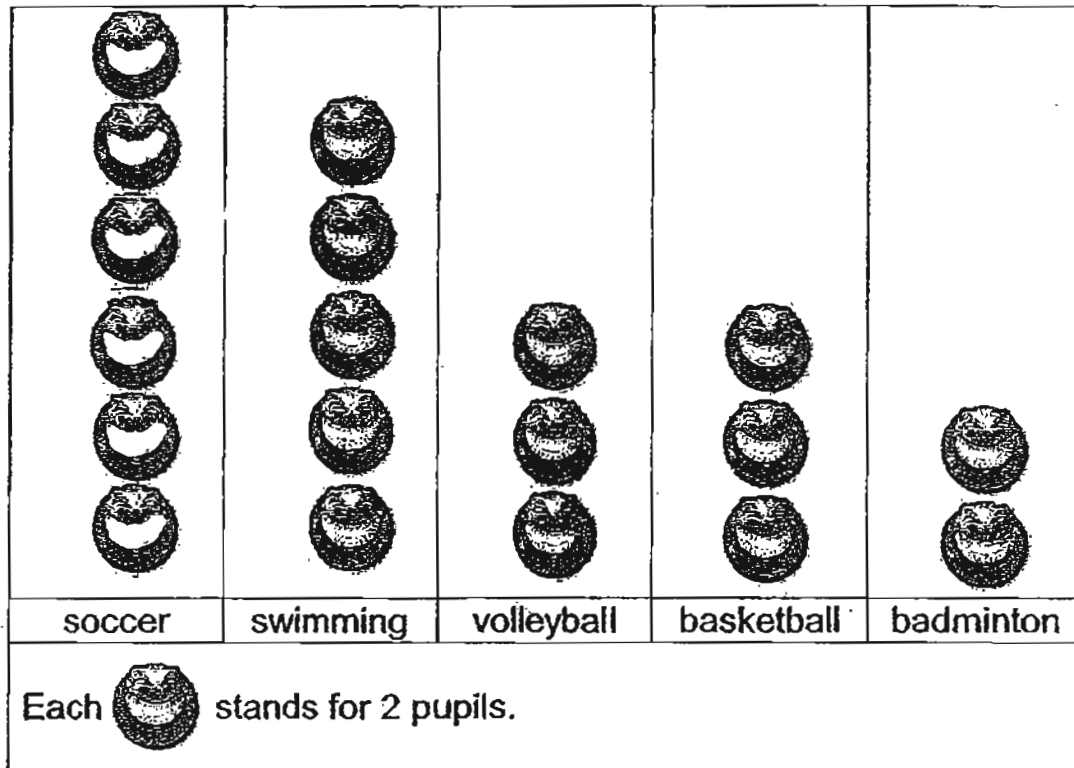**Work out the problem sums below. All working, statements and answers must be clearly shown.**

35.   8643 visitors went to the zoo There were 2861 women and 4712 children. How many men were at the zoo?

36. Ella spent $1700 on a refrigerator and $596 on a washing machine. She had $224 left. How much money did Ella have at first?

37. Mr Mohammed bought 51 boxes of pencils. There were 8 pencils in each box. He then packed the pencils in bundles of 4. How many bundles of pencils would he get?

38. Zhiwei and Ling Ling spent a total of $36.50 at a funfair. Zhiwei spent $22.80. How much **less** money did Ling Ling spend than Zhiwei?

39. The graph below shows the favourite sports of the pupils of Primary 3J.

| soccer | swimming | volleyball | basketball | badminton |

Each 🟤 stands for 2 pupils.

(a) How many pupils are there in Primary 3J?

(b) The total number of pupils who chose _____

and _____ as their favourite sports is the same

as the number of pupils who chose swimming.

40. There are 16 ducks and cows on a farm altogether. The animals have 60 legs in all. How many ducks and how many cows are there on the farm?

41. **Refer to Booklet K.**

42. **Refer to Booklet K.**
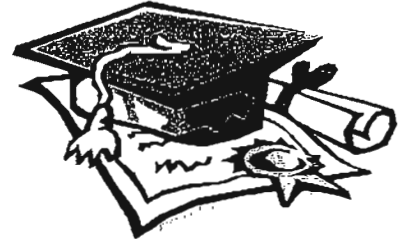
End of this Booklet

Set by   :   Ms Low Lay Choo

ANSWER SHEET

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

11)9043   12)3070   13)5914   14)9   15)40

16)4/7   17)6.20P.M.   18)208g   19)59 R2   20)$6

21)14   22)42   23)$415.75   24)6   25)8194

26)264   27)$150.00   28)209   29)24   30)14

35)Children and women→4712 + 2861 = 7573
    Men→8643 − 7573 = 1070
There were 1070 men in the Zoo.

36)refrigerator and washing machine→$1700 + $586 = $2296
    at first→$2296 _ $224 = $2520
She had $2520 at first.

37)pencils→51 x 8 = 408
    Bundles→408 ÷ 2 = 102
He will get 102 bundles of pencils.

38)Ling Ling→$22.80 − $36.50 = $13.70
    Less→$22.80 − $13.70 = $9.10
Ling Ling spent $9.10 less than Zhi Wei.

39)a)Pupils→10+6+4+6+12 = 38
    b)basketball, badminton

40) Duck	Cow	Dick's legs	Cow's legs	Total legs	Check
8	8	16	32	48	X
7	9	14	36	50	X
3	13	6	52	56	X
2	14	4	56	60	√

There are 2 ducks and 14 cows on the farm.