Pei Chun Public School
Semestral Assessment 1 – 2013
Mathematics
Primary 3

Name: _____ ( ) Marks :

Class : Primary 3 ___

Date. : 15 May 2013

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature: _____

This Booklet	/80
Booklet K	/20
TOTAL	/100

Section A (8 × 2 marks)

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

1. In 7891, which digit is in the thousands place?

(1) 1 (2) 7

(3) 8 (4) 9 ( )

2. There are 9 groups of pupils in a class. Each group has 3 pupils. How many pupils are there in the class?

(1) 12 (2) 24

(3) 3 (4) 27 ( )

3. Find the quotient of 897 ÷ 7.

(1) 1 (2) 111

(3) 128 (4) 904 ( )

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4. Which fraction is the largest?

(1) $\frac{1}{5}$ (2) $\frac{1}{2}$

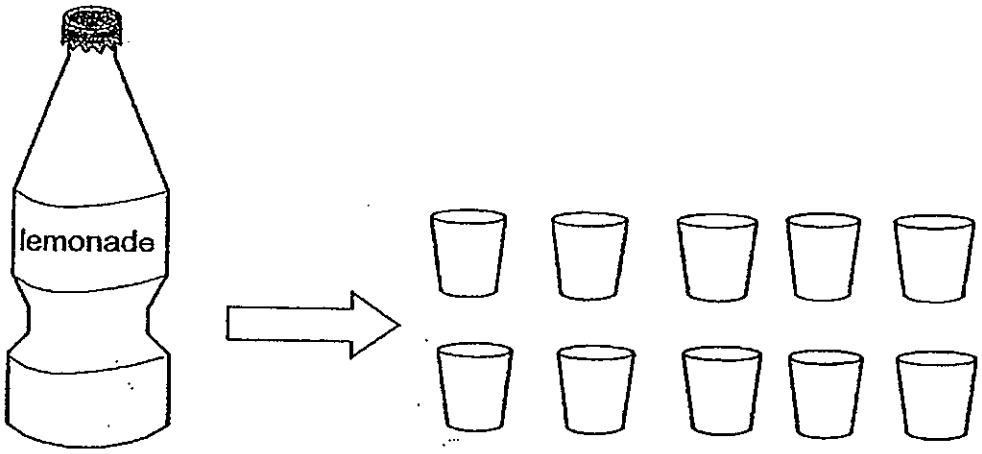
(3) $\frac{1}{3}$ (4) $\frac{1}{8}$ ( )

5. Ramon had $45.50. He spent $12.20 on a book and $14.30 on a pencil case. How much money did he have left?

(1) $33.30 (2) $31.20

(3) $26.50 (4) $19 ( )

6. A 2-ℓ bottle of lemonade can fill up 10 cups.



How many such bottles of lemonade are needed to fill up 80 such cups?

(1) 40 (2) 16

(3) 8 (4) 4 ( )

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7. Max had 6 boxes of pens. James had 2 boxes fewer than Max. There were 5 pens in each box. How many pens did James have?

(1) 12 (2) 20

(3) 30 (4) 40 ( )

8. Ali thought of a number. First, he added 6 to the number. Then, he multiplied the answer by 8. The final answer is 72. What number did Ali think of?

(1) 15 (2) 2

(3) 3 (4) 582 ( )

9. **Refer to Booklet K.**

10. **Refer to Booklet K.**

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Section B (20 x 2 marks)

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

11. Write the following in words.

(a) 413

_____

_____

(b) 8006

_____

_____

12. In the number pattern, what is the missing number in the box?

7889, 7899, [?], 7919, 7929.

Answer: _____

13. Find the difference between 7604 and 4327.

Answer: _____

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14. What is the missing digit in the box?

$$\begin{array}{rcccc} & 4 & 8 & \boxed{?} & 2 \\ + & 1 & 3 & 5 & 9 \\ \hline & 6 & 2 & 2 & 1 \\ \hline \end{array}$$

Answer: _____

15. Write in figures.

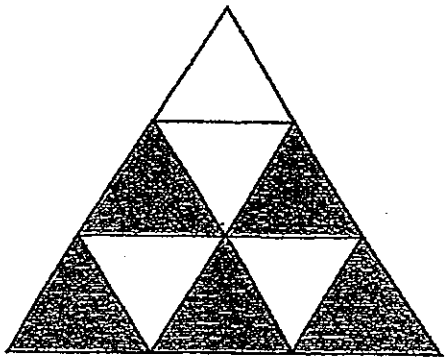
(a) Seventy-two cents

Answer: _____ ¢

(b) Ninety-eight dollars and fifty-five cents

Answer: $ _____

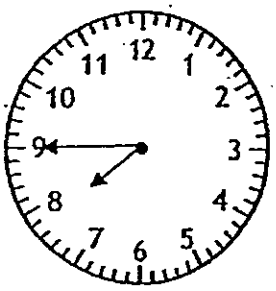
16. What fraction of the figure is shaded?



Answer: _____

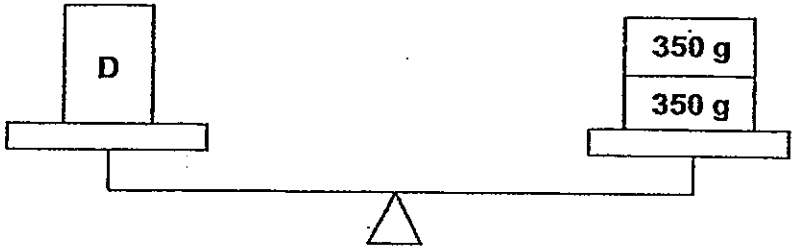
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17. What is the time shown on the clock face?



Answer: _____

18. What is the mass of Object D?



Answer: _____ g

19. A bus can carry 56 passengers.
How many passengers can 9 buses carry?

Answer: _____

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20. Use all the digits 5, 2, 8 and 0 to form

(a) the smallest 4-digit number and

(b) the greatest 4-digit number.

Each digit can be used only once for each number.
Do not start with '0'.

Answer: (a)_____

(b)_____

21. Su Mei had 19 litres of milk. She poured all the milk into 4-litre containers. What was the **smallest** number of 4-litre containers she needed?

Answer: _____

22. Suresh is 6 years old now. Father is 5 times as old as Suresh. How many years is Father older than Suresh?

Answer: _____years

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23. Mr Muthu packs 4 pears into each plastic bag.
How many plastic bags did Mr Muthu need to pack 128 pears?

Answer: _____

24. Amir bought a pair of shoes and a bag. The pair of shoes cost $22.90. The bag cost $12.25 more than the pair of shoes.
How much did Amir pay altogether?

Answer: $ _____

25. Ian saves $7 every day. How much will he save in 6 weeks?

Answer: $ _____

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26. Milah bought 6 dresses and 3 blouses. Each dress cost $10. She paid $116 altogether. How much did the 3 blouses cost?

Answer: $ _____

27. The graph below shows the number of candies Betty and Sally received last week.

	Numbers of candies
Betty	♡ ♡ ♡ ♡ ♡ ♡ ♡
Sally	♡ ♡ ♡
Each ♡ stands for 4 candies	

How many candies should Betty give to Sally so that each of them has an equal number of candies?

Answer: _____

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28. Noor has 155 stickers more than Karen. Noor has 378 stickers. How many stickers do they have altogether?

Answer: _____

29. Gopal had twice as many marbles as Hassan. After his grandfather gave Hassan 30 marbles, Hassan had 3 times as many marbles as Gopal. How many marbles did Gopal have?

Answer: _____

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30. The product of two numbers is 72. The greater number is two times the smaller number. What is the greater number?

Answer: _____

31. **Refer to Booklet K.**

32. **Refer to Booklet K.**

33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

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Section C (6 × 4 marks)

Work out the problem sums below. Write your answers in the space provided. All working, statements and answers must be clearly shown.

35. 2549 boys and 1378 girls participated in a school camp.

(a) How many **more** boys than girls were there?

(b) How many children participated in the school camp?

Answer: (a)_____

(b)_____

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36. Sue has 350 stamps. She has 7 times as many stamps as Nair. Ahmad has 80 stamps fewer than Sue. How many stamps do the three children have altogether?

Answer: _____

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37. There were 38 members in the Innovation Club. After Mr Leong gave 4 pens to each member, he had 10 pens left.

(a) How many pens did Mr Leong have at first?

(b) How many **more** pens would he need if he wanted to give each member 5 pens?

Answer: (a)_____

(b)_____

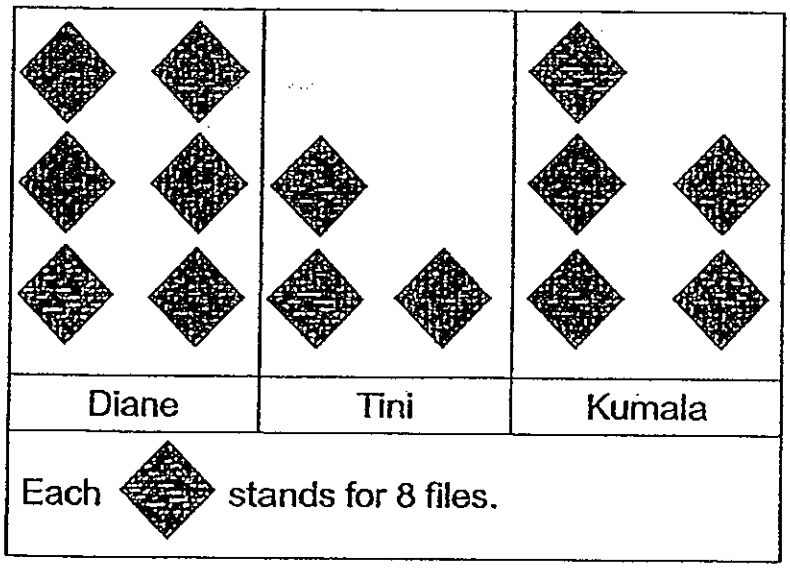
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38. Tony had $235 more than Simon. After spending $142 on a music player, Simon had $256 left. After buying a mobile phone, Tony had $275 left. How much did the mobile phone cost?

Answer: _____

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39. The picture graph shows the number of files three children have.



(a) How many **more** files does Diane have than Tini?

(b) If Kumala buys 10 more files, how many files will she have altogether?

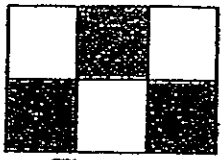
Answer: (a)_____

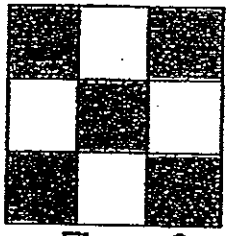
(b)_____

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40. Doreen used grey squares and white squares to make the following figures.


Figure 1


Figure 2


Figure 3

The table below shows the number of greys squares and the total number of squares in each figure.

Figure	Number of grey squares	Total number of white and grey squares
1	2	3
2	3	6
3	5	9

(a) What is the total number of grey and white squares in Figure 7?

(b) How many grey squares are there in Figure 6?

Answer: (a)_____

(b)_____

41. **Refer to Booklet K.**

42. **Refer to Booklet K.**

End of this Booklet

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Exam Paper 2013 Answer Sheet

School: PEI CHUN PUBLIC SCHOOL
Subject: PRIMARY 3 MATHEMATICS
Term: SA1

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

11. (a) Four hundred and thirteen

    (b) Eight thousand and six

12. 7909

13. 3277

14. 6

15. (a) 72

    (b) 98.55

16. $^{5}/_{9}$

17. 7.45

18. 700

19. 504

20. (a) 2058

    (b) 8520

21. 19 ÷ 4 = 4 R 3
    4 + 1 = **5**

22. 6 x 5 = 30
    30 – 6 = **24**

23. 128 ÷ 4 = **32**

24. 22.90 + 12.25 = 35.15
    22.90 + 35.15 = **58.05**

25. 1 week → 7 x 7 = 49

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6 weeks → 49 x 6 = **294**

26. 6 dresses → 10 x 6 = 60
    3 blouses → 116 – 60 = **56**

27. Different → 28 – 12 = 16
    Give → 16 ÷ 2 = **8**

28. Karen → 378 – 155 = 223
    Altogether → 378 + 223 = **601 stickers**

29. 5u → 30
    1u → 6
    Gopal → 2 x 6 = **12**

30. Greater no. → 72 ÷ 9 = 8
    Greater no. → 72 ÷ 6 = **12**

35. (a) More → 2549 – 1378 = **1171**

    (b) Altogether → 2549 + 1378 = **3927**

36. Nair → 350 ÷ 7 = 50
    Ahmad → 350 – 80 = 270
    Altogether → 350 + 270 + 50 = **670**

37. (a) At first:
        38 x 4 = 152
        152 + 10 = **162**

    (b) Needed:
        38 x 5 = 190
        190 – 162 = **28**

38. Simon → 256 + 142 = 398
    Tony → 398 + 235 = 633
    Phone → 633 – 275 = **$358**

39. (a) 48 – 24 = **24**

    (b) 40 + 10 = **50**

40. (a) Fig 4 → 12
        Fig 5 → 15
        Fig 6 → 18
        Fig 7 → **21**

    (b) Fig 4 → 6
        Fig 5 → 8
        Fig 6 → **9**

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