Pei Chun Public School
Continual Assessment – 2013
Mathematics
Primary 3

Name: _____ (   )   Marks :

Class : Primary 3 _____

Date : 28 August 2013

Time : 1 h 45 min

Maths Teacher   : _____

Parent's Signature: _____

This Booklet	74
Booklet K	20
Mental sums	6
T O T A L	100

Section A (8 × 2 marks)

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

1.   In which of the following numbers is the digit 4 in the thousands place?

   (1)   4971   (2)   6945

   (3)   7394   (4)   9428   (   )

2.   Which fraction below is **not** equivalent to $\frac{2}{3}$?

   (1) $\frac{8}{12}$ (2) $\frac{4}{6}$

   (3) $\frac{3}{9}$ (4) $\frac{6}{9}$ (   )

3. What is the remainder of 470 ÷ 6?

   (1) 5   (2) 2

   (3) 6   (4) 78   (   )

4. Which bottle contains the smallest volume of soap?

A	B	C	D
1 ℓ 50 ml	1005 ml	1 ℓ 55 ml	1550 ml

   (1) A   (2) B

   (3) C   (4) D   (   )

5. 56 beads are needed to make 1 necklace. How many beads
   are needed to make 4 necklaces?

   (1) 14   (2) 60

   (3) 204   (4) 224   (   )

6. Mrs Sujadi bought a pizza. She gave $\frac{1}{2}$ of it to her neighbour
   and ate $\frac{1}{3}$ of it. What fraction of the whole pizza was left?

   (1) $\frac{1}{6}$ (2) $\frac{2}{5}$

   (3) $\frac{5}{6}$ (4) $\frac{3}{5}$ (   )

7. The mass of a box of bottles is 540 g. The mass of the empty box is 230 g. How much **heavier** is the box of bottles than the empty box?

(1)   80 g   (2)   230 g
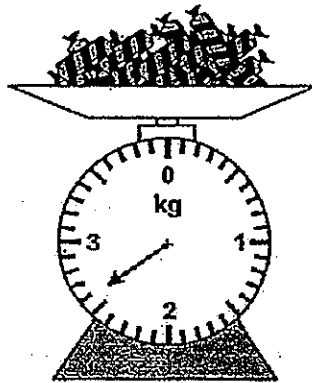
(3)   310 g   (4)   770 g   (   )

8. What mass of sweets must be added to make 3 kg?

(1)   2600 g   (2)   800 g

(3)   500 g   (4)   400 g   (   )

9. **Refer to Booklet K.**

10. **Refer to Booklet K.**

Section B (17 × 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 the following numbers in words.

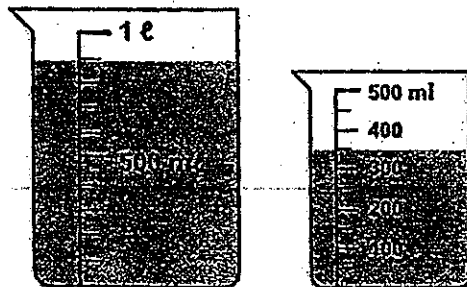(a) 647

_____

_____

(b) 8312.

_____

_____

12.   Complete the number pattern.
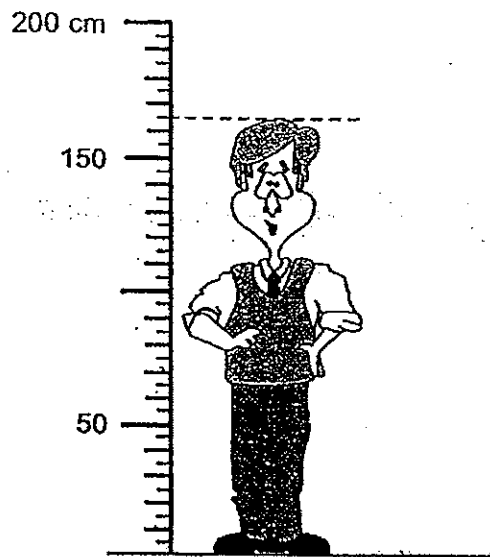
5799,   6049,   6299,   _____,   6799

Answer: _____

13.   What is the total volume of water in the two beakers?

Answer: _____ ml

SCORE

14.   What is Jonathan's height?

Answer: _____ cm

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15.   Express 8 ℓ 72 ml in ml.

Answer: _____ ml

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16.   Arrange the following fractions in order. Begin with the smallest.

$$\frac{4}{5}, \qquad \frac{4}{7}, \qquad \frac{2}{3}$$

Answer: _____, _____, _____
(smallest)   (greatest)

SCORE

17. When a number is divided by 6, it has a quotient of 18. What is the number?

Answer: _____

18. There are 7 days in a week. How many days are there in 26 weeks?

Answer: _____

19. Shantini cut one piece of ribbon into two pieces. One piece was 2 m long. The other piece was 84 cm shorter. What was the length of the original piece of ribbon in centimetres?
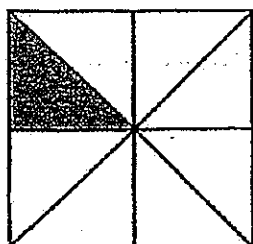
Answer: _____ cm

SCORE

20. There are 7 times as many girls as boys in a hall. If there are 108 fewer boys than girls, how many girls are there in the hall?

Answer: _____

21.

Bi Yun has shaded one part of the figure above.
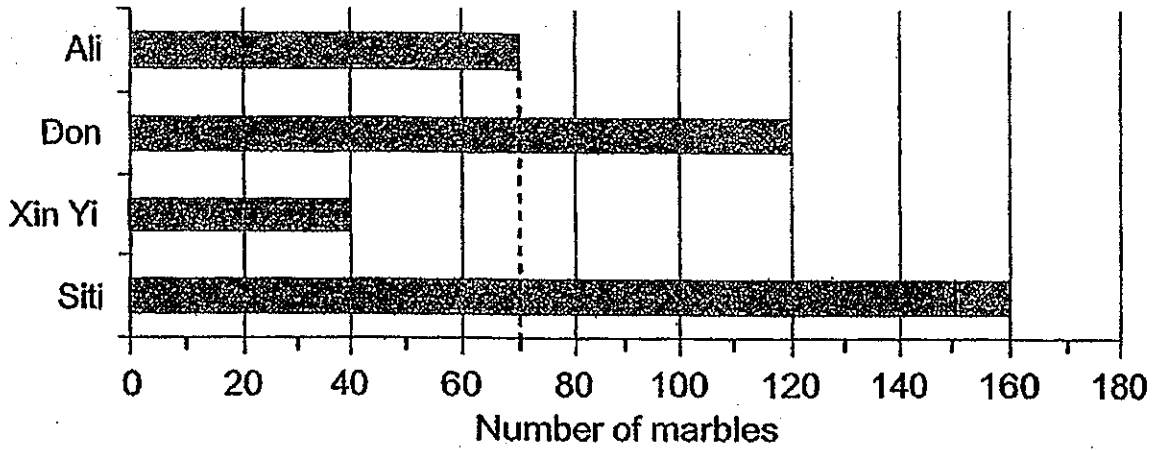
How many **more** parts must she shade so that $\frac{3}{4}$ of the figure is shaded?

Answer: _____

SCORE

The bar graph below shows the number of marbles that 4 children have.
Study the graph carefully and use it to answer questions 22 and 23.

Number of marbles

22. How many **more** marbles does Don have than Ali?

Answer: _____

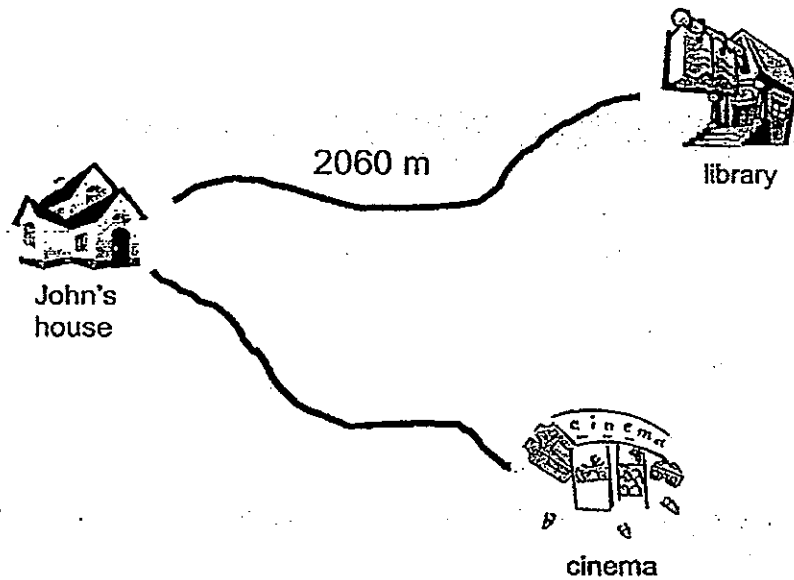23. Siti has 4 times as many marbles as _____.

Answer: _____

SCORE

24. John walks 900 m more from his house to the library than from his house to the cinema. What is the distance between his house and the cinema? Give your answer in km and m.

2060 m

library

John's
house

cinema

Answer: _____ km _____ m

25. 350 children attended a camp and were put into groups of 8, except for the last group. How many children were there in the last group?

Answer: _____

SCORE

26. Mrs Fong has 5 grandchildren. If she gives each of them 13 cupcakes, she will need 6 more cupcakes. How many cupcakes does Mrs Fong have?

Answer: _____

27. Rama and Sing Long saved $2.50 each. Rama saved his money in 5-cent coins and Sing Long saved his money in 10-cent coins. How many **more** coins did Sing Long save than Rama?

Answer: _____

28. Mental sums

29. Mental sums

30. Mental sums

31. **Refer to Booklet K.**

32. **Refer to Booklet K.**

33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

SCORE

Section C (6 × 4 marks)

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

35. Mr Chew made 3926 fish balls this week. He made 1287 fewer fish balls this week than last week.

    (a) How many fish balls did Mr Chew make last week?

    (b) How many fish balls did he make altogether?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

36. Amir sold 45 books on Friday. He sold 4 times as many books during the weekend.

(a) How many books did Amir sell during the weekend?

(b) If Amir sold 70 books on Saturday, how many books did he sell on Sunday?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

37. Albert is 8 kg heavier than Boon Heng. Cui Hua weighs 3 times as heavy as Boon Heng. The total mass of the three children is 98 kg. What is the mass of Cui Hua?

Answer : _____ [4]

SCORE

38. Rachel had 210 bottles of water. She packed them into boxes of 7 bottles each.

    (a) How many boxes did she use?

    (b) Rachel sold each box for $5. She collected $115 after selling certain number of boxes. How many bottles of water were **not** sold?

Answer : (a) _____ [1]

(b) _____ [3]

SCORE

39.   The capacity of a tank is 6120 ml. After pouring 9 bottles of water into the empty tank, it is half filled.

(a)   How much water is poured into the tank?

(b)   What is the capacity of each bottle?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

40. Jasmine collected a total of $5180 in February and March. She collected $806 less in February than in March.

   (a) How much money was collected in February?

   (b) How much money was collected in March?

41. **Refer to Booklet K.**

42. **Refer to Booklet K.**

End of Paper

ANSWER SHEET

EXAM PAPER 2013
SCHOOL : PEI CHUN PUBLIC SCHOOL
SUBJECT : PRIMARY 3 MATHS

TERM : CA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	3	2	2	4	1	3	4	NA	NA

Section B
Q11)
a) Six hundred and forty-seven
b) Eight thousand , three hundred and twelve
Q12) 6549
Q13) 1250ml
Q14) 165cm
Q15) 8072ml
Q16) 4/7, 2/3, 4/5
Q17) 108
Q18) 182 days
Q19) 316cm
Q20) 126 girls
Q21) 5
Q22) 50 marbles
Q23) Xin Yi
Q24) 1km 660m
Q25) 6 children
Q26) 59 cupcakes
Q27) 25 coins
Q28) No answer
Q29) No answer

Q30) No answer
Q31) No answer
Q32) No answer
Q33) No answer
Q34) No answer

Section C
Q35) a) 3926 + 1287 = 5213 (Ans)
b) 5214 + 3926 = 9139 (Ans)

Q36) a) 45 x 4 = 180 (Ans)
b) 180 − 70 = 110 (Ans)

Q37) 98 − 8 = 90
1u → 90 ÷ 5 = 18
3u → 18 x 3 = 54 (Ans)

Q38) a) 210 ÷ 7 = 30 (Ans)
b) 115 ÷5 = 23
30 − 23 = 7 (Ans)

Q39) a) 6120 ÷ 2 = 3060 (Ans)
b) 3060 ÷9 = 340 (Ans)

Q40) a) 5180 - 806 = 4374
4374 ÷ 2 = 2187 (Ans)
b) 2187 + 806 = 2993 (Ans)

Q41) No answer

Q42) No answer