Pei Chun Public School
Continual Assessment – 2011
Mathematics
Primary 3

Name: _____ ( )　　Marks :

Class : Primary 3 ___

Date : 23 August 2011

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature: _____

This Booklet	74
Booklet K	20
Mental sums	6
TOTAL	100

Section A (8 × 2 marks)

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

1. What is the value of the digit 9 in 9607?

    (1) 9000　　　　　　　(2) 900

    (3) 90　　　　　　　　(4) 9　　　　　　　( )

2. $41 − $11.75 = _____

    (1) $30.75　　　　　　(2) $30.25

    (3) $29.25　　　　　　(4) $28.25　　　　( )

3. The length of a pole is 1 m 5 cm. What is the total length of 4 such poles?

(1) 60 cm   (2) 420 cm

(3) 600 cm   (4) 4020 cm   (   )

4. When _____ is divided by 8, the quotient is 6 and the remainder is 7.

(1) 62   (2) 55

(3) 50   (4) 41   (   )

5. Yu Ming has 4 times as much money as his brother. They have $100 altogether. How much **more** money does Yu Ming have than his brother?
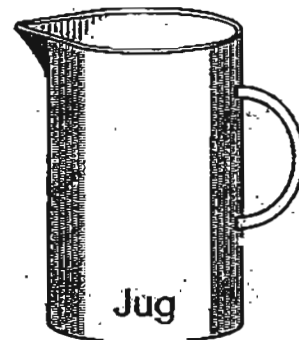
(1) $20   (2) $50

(3) $60   (4) $75   (   )

6. To make a drink, Mrs Goh poured three cans of soda and a bottle of apple juice into an empty jug.

What is the volume of the drink in the jug?

(1) 1245 ml   (2) 1246 ml

(3) 1345 ml   (4) 2245 ml   (   )

7. The figure below shows 2 identical boxes on a weighing scale.

What is the mass of one box?

(1) 560 g   (2) 280 g

(3) 140 g   (4) 104 g   (   )

8. The total mass of John, Kate and Mary is 60 kg. Kate is 12 kg lighter than John but 3 kg heavier than Mary. What is Kate's mass?

(1) 14 kg   (2) 15 kg

(3) 17 kg   (4) 18 kg   (   )

9. **Refer to Booklet K.**

10. **Refer to Booklet K.**

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) 312

_____

(b) 7019

_____

12.   Complete the number pattern.

4950,   5040,   _____ ,   5220,   5310

Answer : _____

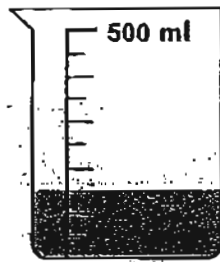13.   Arrange the following fractions in decreasing order.

$$\frac{3}{5} \quad , \quad \frac{3}{4} \quad , \quad \frac{3}{8}$$

Answer : ____ , ____ , ____
(Biggest)

14.   Express 6045 ml in ℓ and ml.

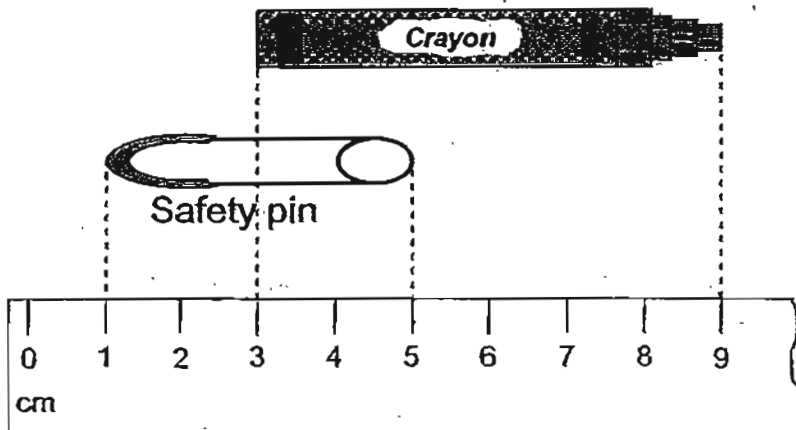Answer : ____ ℓ ____ ml

15. The figure below shows some water in a beaker.

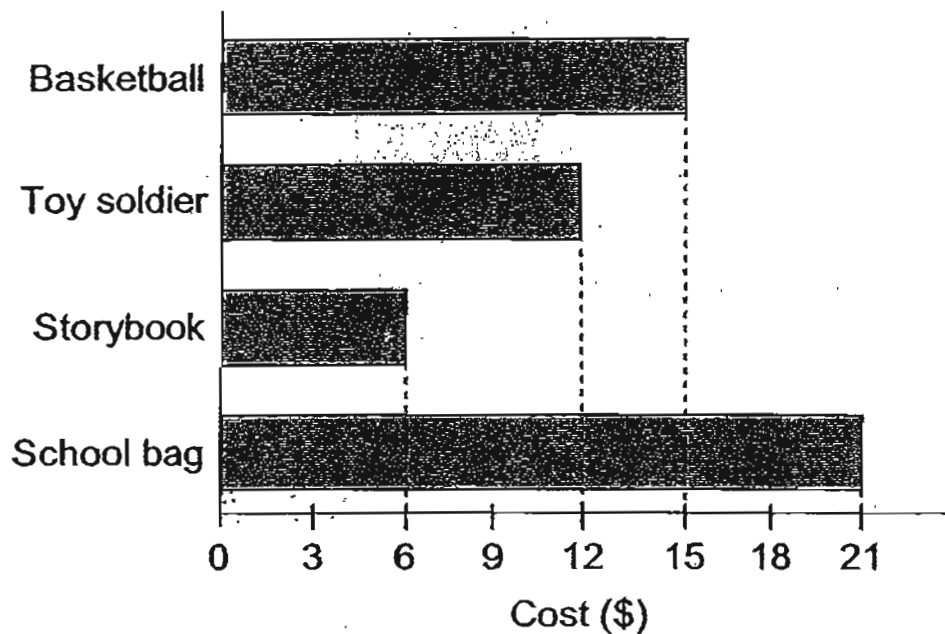How much water is in the beaker?

Answer : _____ ml

16. Study the diagram below.

What is the total length of the safety pin and the crayon?

Answer : _____ cm

The graph below shows the cost of four items. Study the graph below and answer the questions 17 and 18.

17. How much **more** does the basketball cost than the storybook?

Answer : $ _____

18. What is the total cost of the four items?

Answer : $ _____

19. What is the missing numerator in the box?

$$\frac{\boxed{?}}{8} + \frac{1}{8} = \frac{1}{2}$$

Answer : _____

20. 204 boys and 160 girls at a camp were divided into groups of 7. How many groups were there at the camp?

Answer : _____

21. What are the digits represented by the letters **A** and **B**?

```
      2   B   8
  ×           8
  _____
  2   1   A   A
  _____
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Answer : **A** = _____

B = _____

22. Mrs Sani has 4 children. If she gives each child 17 lollipops, she will need 3 more lollipops. How many lollipops does Mrs Sani have?
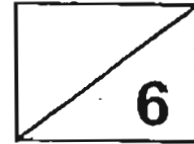
Answer : _____

23. Jenny took part in a 2-km race. She ran 820 m. How much further must she run to complete the race? Give your answer in km and m.

Answer : ____ km ____ m

24. There are a total of 408 sweets in 3 boxes. Each box contains the same number of sweets. How many sweets are there in 7 such boxes?

Answer : _____

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Mental Sums
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You have 1 minute to complete all the sums below. Write the answers in the blanks provided.   **(12 × ½ mark)**

28a	$4 \times 9 = $ _____	28b	$56 \div 7 = $ _____
28c	$6 \times 7 = $ _____	28d	$8 \times 6 = $ _____
29a	$54 \div 9 = $ _____	29b	$3 \times 7 = $ _____
29c	$7 \times 9 = $ _____	29d	$72 \div 8 = $ _____
30a	$49 \div 7 = $ _____	30b	$5 \times 6 = $ _____
30c	$3 \times 8 = $ _____	30d	$24 \div 6 = $ _____

25. Kelly baked a cake. She ate $\frac{1}{6}$ of it and gave $\frac{2}{3}$ of it to her neighbour. What fraction of the whole cake had Kelly left?

Answer : _____

26. The difference between two numbers is 490. The bigger number is 6 times of the smaller number. What is the bigger number?

Answer : _____

27. Muthu and Neal saved $2.40 each. Muthu saved 5¢ coins and Neal saved 20¢ coins only. How many **fewer** coins did Neal save than Muthu?

Answer : _____

28. **Mental sums**
29. **Mental sums**
30. **Mental sums**
31. **Refer to Booklet K.**
32. **Refer to Booklet K.** } NO PAPER
33. **Refer to Booklet K.** } NO ANS
34. **Refer to Booklet K.**

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

35   Ming has 279 stickers. Joan has 148 fewer stickers than Ming.

    (a)   How many stickers does Joan have?

    (b)   How many stickers must Ming give to Joan so that they have the same number of stickers?

36. John bought a book for $6.90 and a box of colour pencils for $7.15. He gave the cashier three five-dollar notes. How much change did John receive?

37. Mrs Ang bought a papaya and 5 tins of milk. The mass of the papaya was 625 g. The mass of each tin of milk was 175 g lighter than the papaya. What was the total mass of the items Mrs Ang bought? Give your answer in kg and g.

38. At first Anna had 1179 blue beads, 382 red beads and some yellow beads. After she bought 80 more yellow beads and 135 more blue beads, Anna had 2600 beads.

(a) How many beads did Anna have altogether at first?
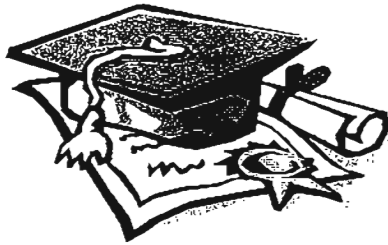
(b) How many yellow beads did Anna have at first?

39. Sharon had 900 ml of water which she poured equally into 6 glasses. Her brother drank 2 glasses of water. How many millilitres of water had Sharon left?

40. Lydia had $285 more than Hakim. After spending $178 on groceries, Hakim had $343 left. After buying a bag, Lydia had $308 left. How much did the bag cost?

41. Refer to Booklet K. NO PAPER
42. Refer to Booklet K. NO ANSWER
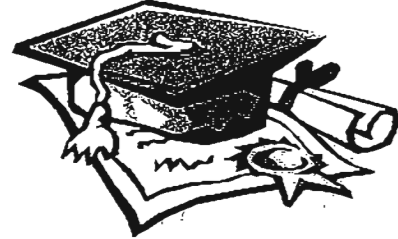
End of this Booklet

Set by : Mdm Shevaun Lim

ANSWER SHEET

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

11)a)Three hundred and twelve.   b)Seven thousand and nineteen.

12)5130   13) ¾ , 3/5, 3/8   14)6L 45ml   15)150ml

16)10cm   17)$9   18)$54   19)3   20)52   21)A= 4   B = 6

22)17 x 3 = 51
   51 + 14 = 65

23)2000 − 820 = 1180

24)408 ÷ 3 = 136
   136 x 7 = 952

25)1/6 + 2/6 = 15/18
   18/18 − 15/18
   = 3/18 = 1/6

26)1u→490 ÷5 = 98
   6u→98 x 6 = 588

27)Muthu→240÷5 = 48
   Neal→240÷20 = 12
   Difference→48 − 12 = 36

28)a)4 x 9 = 36
   b)56÷7 = 8
   c)6 x 7 = 42
   d)8 x 6 = 48

29)a)÷9 = 6
   b)3 x 7 = 21
   c)7 x 9 = 63
   d)72÷8 = 9

30)a)49÷7 = 7
   b)5 x 6 = 30
   c)3 x 8 = 24
   d)24÷6 = 4

(31) to (34) Booklet K − No Answer.

35)a)Joan→279 − 148 = 131
   Joan have 131 stickers.
   b)same number→148÷2 = 74
   Ming must give 74 stickers to Joan so they have the same number of stickers.

36) Total→$7.15 + $6.90 = $14.05
    Change→$15 − $14.05 = 95c
    John receive 95c.

37) 1 tin of milk→625 − 175 = 450g
    5 tins of milk→450 x 5 = 2250g
    Total mass→2250g + 625g = 2875g
    = 2kg 875g.
The total mass is 2kg 875g.

38) bought→135 = 80 = 215
    Altogether→2600 − 215 = 2385
    Blue and red→1179 + 382 = 1561
    Yellow→2385 − 1561 = 824
Anna had 824 yellow beads at first.

39) 6 units→900ml
    1 unit→900÷6 = 150ml
    4 units→150 x 4 = 600ml

40) spent→$343 − $308 = $35
    Bag→$285 + $178 + $35 = $498
The bag cost $498