Pei Chun Public School

Semestral Assessment 1 – 2010

Mathematics

Primary 3

Name: _____ ( ) Marks :

Class : Primary 3 ___

Date : 14 May 2010

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 5327, which digit is in the hundreds place?

(1) 5 (2) 2

(3) 3 (4) 7 ( )

2. 9 × ☐ = 36. The missing number in the box is _____.

(1) 324 (2) 45

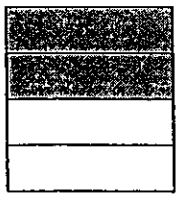
(3) 27 (4) 4 ( )

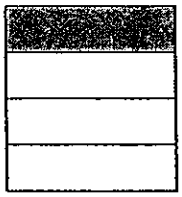
3. When 639 is divided by 3, the quotient is _____.

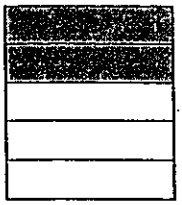
(1) 113 (2) 213

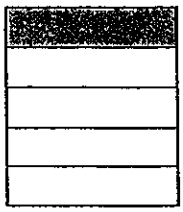
(3) 313 (4) 642 ( )

4. Which of the following shows that $\frac{1}{4}$ of the figure is shaded?

(1) 

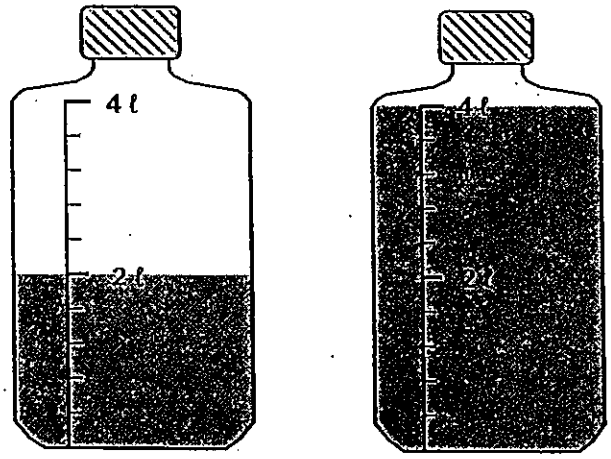
(2) 

(3) 

(4) 

( )

5. The diagram below shows the volume of washing liquid in bottles A and B.



Bottle A Bottle B

What is the total volume of washing liquid in bottles A and B?

(1) 8 ℓ

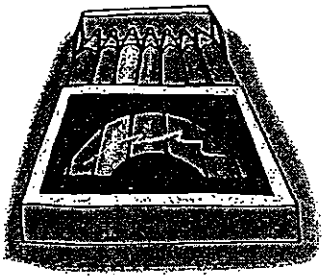
(2) 2 ℓ

(3) 6 ℓ

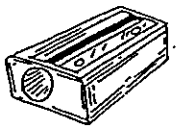
(4) 4 ℓ

( )

6. The pictures below show a box of colour pencils and a sharpener.



$5.90



$0.55

Rahim has $10. After buying 1 box of colour pencils and 2 sharpeners, how much money has he left?

(1) $7 (2) $6.45

(3) $3 (4) $3.55 ( )

7. Anwar has 129 stamps. Chongming has 3 times as many stamps as Anwar. How many stamps do they have altogether?

(1) 516 (2) 387

(3) 172 (4) 132 ( )

8. A number is between 50 and 100. It can be divided exactly by 6 and 8. When the same number is divided by 5, it leaves a remainder of 1. What is the number?

(1) 96 (2) 72

(3) 61 (4) 56 ( )

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.
Write the correct answers in the space provided.

11. What is the value of the digit 6 in 6594?

Answer: _____

12. Complete the number pattern shown below.

90 , 1092 , 2094 , _____ , 4098

Answer: _____

13. 5702 + 3976 = _____.

Answer: _____

14. Write the following in words.

(a) 12 _____

(b) 8094 _____

15. Ali has 5 ten-dollar notes, 1 five-dollar note, 4 twenty-cent coins and 1 five-cent coin. How much money does he have altogether?

Answer: $_____

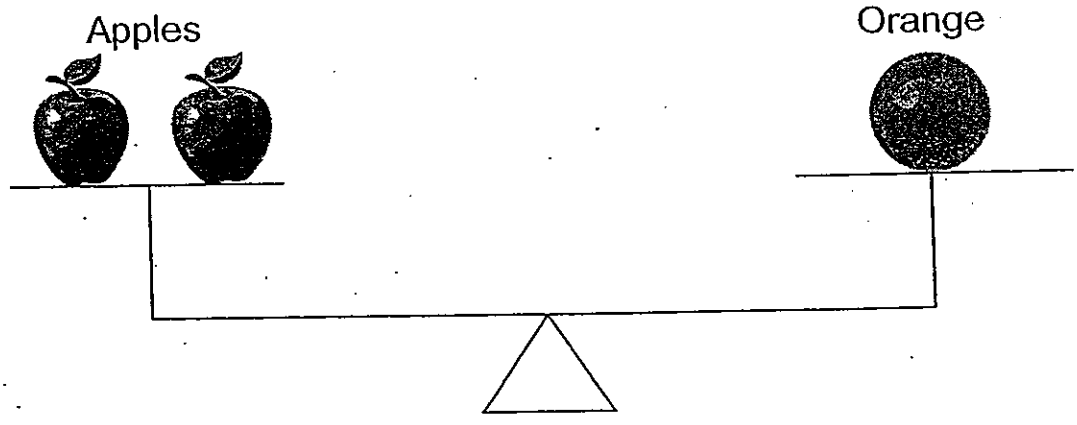
16. What fraction must be added to $\frac{3}{7}$ to make 1 whole?

Answer: _____

17. The product of 489 and 7 is _____.

Answer: _____

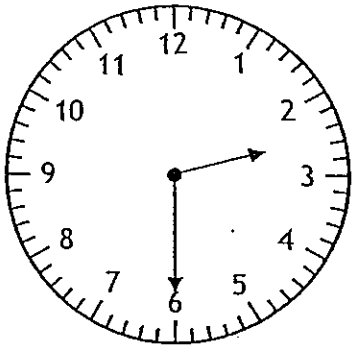
18. Look at the diagram below.



The mass of the orange is 300 g. What is the mass of 1 apple?

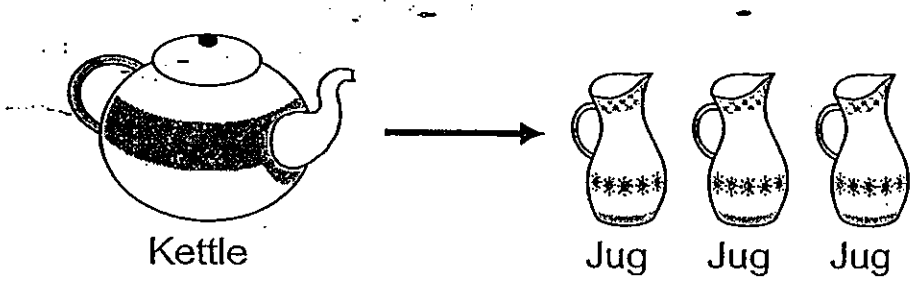
Answer: _____g

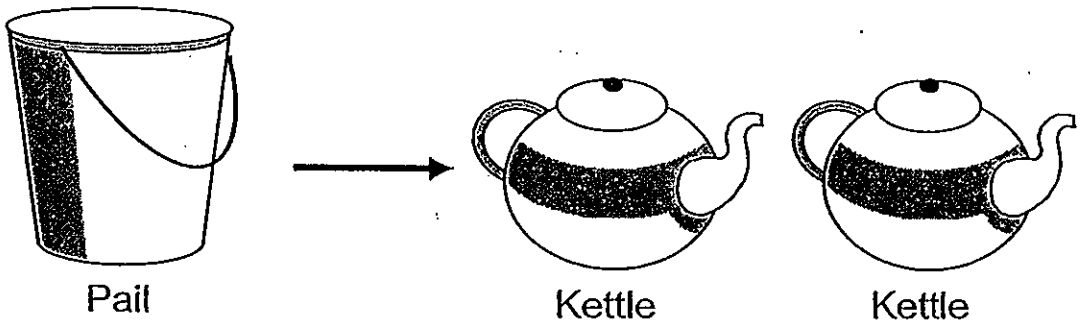
19. The clock face is 45 minutes slow. What should be the actual time?



Answer: _____ p.m.

20. Study the pictures below.

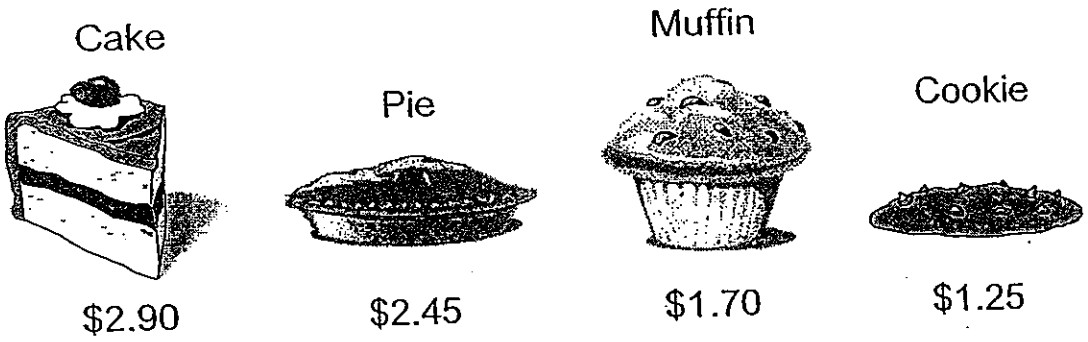




What is the greatest number of jugs a pail of water can fill?

Answer: _____ jugs

Study the pictures carefully and answer questions 21 and 22.



21. Meiling had $20. She bought a pie and a cookie. How much money had she left?

Answer: $ _____

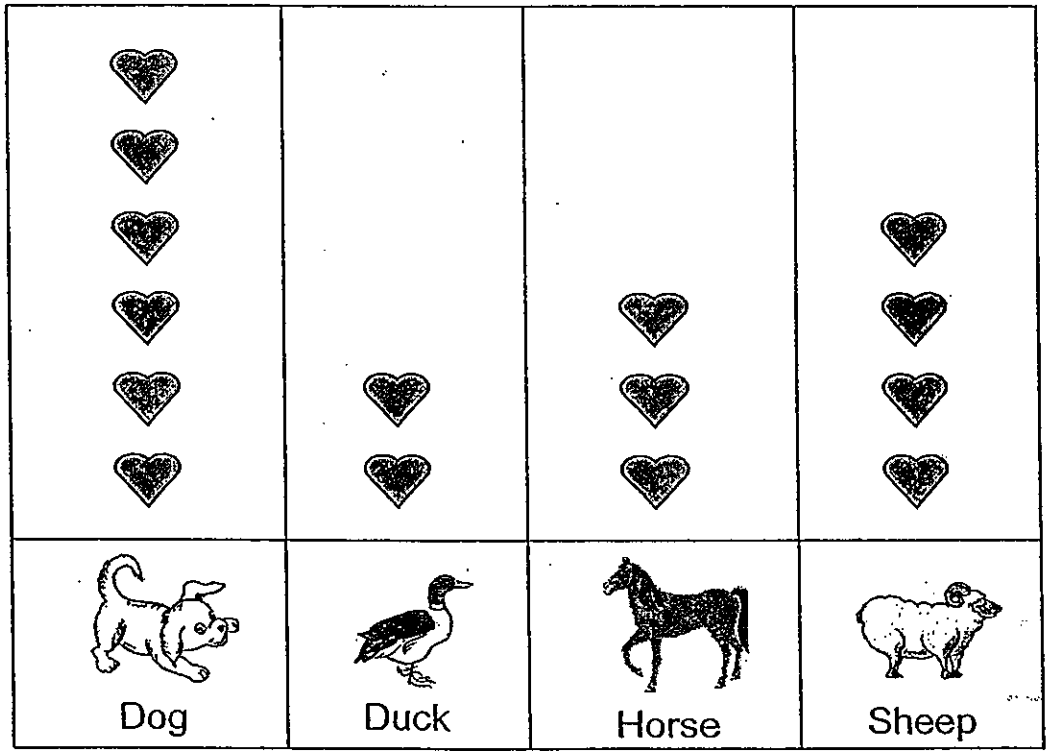
22. Robert had $12. He had $6.65 left after buying 2 different items. Which 2 food items did he buy?

Answer: _____ and _____

23. I am a number with the digits 0, 5, 8 and 9. I am the smallest possible number between 7000 and 10 000. What number am I?

Answer: _____

24. The graph below shows the number of animals on Mr Brown's farm.



Each ♥ stands for 1 animal.

There are _____ **more** dogs than sheep.

Answer: _____

25. The sum of two numbers is 92. The smaller number is 38. What is the greater number?

Answer: _____

26. A television set costs $1895. A computer costs $604 more than the television set. Mr Lim bought 1 computer and 1 television set. How much did he spend altogether?

Answer: $_____

27. Mr Roger had 8 boxes of pencils. There were 112 pencils in each box. He packed the pencils into bags of 7. How many bags did he pack?

Answer: _____ bags

28. Sam and Tina saved a total of $94.50. Tina saved $14.30. How much **less** money did Tina save than Sam?

Answer: $ _____

29. A roll of string is 347 cm long. Raju cuts the string into equal length of 9 cm and has 5 cm of string left. How many pieces of 9-cm string does he get?

Answer: _____ pieces

30. Bill drew some people with hats and some with glasses in his comic book.

BILL'S COMIC BOOK PEOPLE

	No glasses	Glasses
No hat		
Hat		

There were 20 people wearing either a hat or glasses but not both.
There were 6 people wearing both a hat and glasses.
There were 11 people wearing hats.

How many people were wearing glasses, but **not** a hat?

Answer: _____ people

31. **Refer to Booklet K.**

32. **Refer to Booklet K.**

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. There are 3713 students in Moonshine Primary School. 1964 of them are boys and the rest are girls.

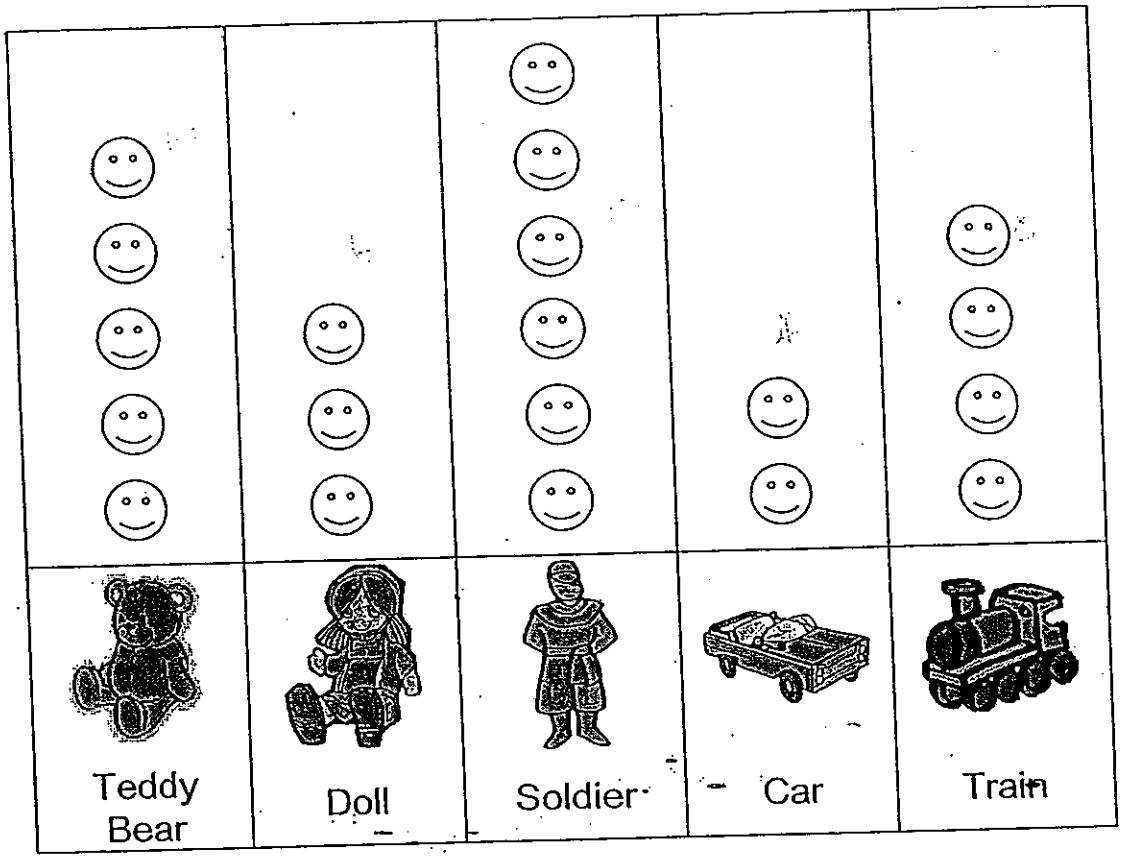
(a) How many girls are there?

(b) How many **more** boys than girls are there?

36. Uma bought 7 boxes of durian puffs. Velu bought 5 more boxes of durian puffs than Uma. There were 6 durian puffs in each box. How many durian puffs did Velu buy?

37. Alicia bought a dress for $27.90 and a blouse for $17.50. She gave the cashier some money and received $4.60 as change. How much money did she give the cashier?

38. The graph below shows the number of toys in a store.



Each ☺ stands for 2 toys.

(a) How many **more** soldiers than cars are there?

(b) How many toys are there altogether?

39. Daniel and Judy had 756 stickers altogether. When Judy gave 126 stickers to Daniel, both of them had an equal number of stickers. How many stickers did Daniel have at first?

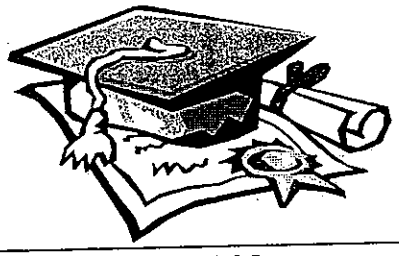
40. A mango costs $2 and a honeydew costs $5. Mr Tan bought two times as many mangoes as honeydews and paid $63 in all. How many mangoes did he buy?

41. **Refer to Booklet K.**

42. **Refer to Booklet K.**

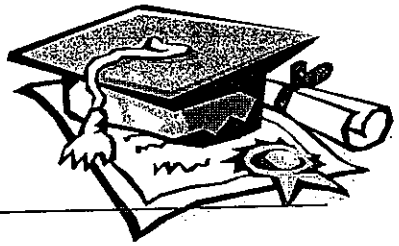
End of this Booklet

Set by : Mrs Denise Foo



ANSWER SHEET

EXAM PAPER 2010



SCHOOL : PEI CHUN PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

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

11)6000 12)3096 13)9678 14)a)twelve

14b)eight thousand and ninety-four 15)$55.85 16)4/7 17)3423

18)150g 19)3.15 p.m. 20)6 jugs 21)$16.30 22)cake and pie

23)8059 24)2

25)92 – 38 = 54

26)$1895 + $604 = $2499
$2499 + $1895 = $4394

27)8 x 112 = 896
896 ÷ 7 = 128

28)$94.50 – $14.30 = $80.20
$80.20 – $14.30 = $65.90

29)347 ÷ 9 = 38 R 5
Ans: 38

30)11 – 6 = 5
20 – 5 = 15 people

35)a)3713 – 1964 = 1749
There are 1749 girls.
b)1964 – 1749 = 215
There are 215 more boys than girls.

36)7 x 6 = 42
5 x 6 =30
30 + 42 = 72
Velu bought 72 durian puffs.

37)$4.60 + $27.90 = $32.50
$32.50 + $17.50 = $50.00
Alicia gave the cashier $50.00

38)a)12 – 4 = 8
There are 8 more soldiers than cars.
b)10 + 6 = 16
16 + 12 = 28
28 + 12 = 40
There are 40 toys altogether.

39)756 ÷ 2 = 378
378 + 126 = 504
378 – 126 = 252
Daniel has 252 stickers at first.

40)He bought 14 mangoes.