Pei Chun Public School
Semestral Assessment 2 – 2013
Mathematics
Primary 3

Name: _____( ) Marks :

Class : Primary 3

Date : 25 October 2013

Time : 1 h 45 min

Maths Teacher :

Parent's Signature :

This Booklet	80
Booklet K	20
TOTAL	100

Section A (8 × 2 marks)

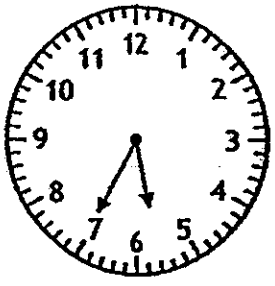
For each question, choose the correct answer and write its number in the brackets provided.

1. In 5023, the value of the digit 2 is _____.

(1) 2000 (2) 2

(3) 20 (4) 200 ( )

2. What is the time shown on the clock face below?



(1) 5.35 (2) 6.35

(3) 5.07 (4) 7.25 ( )

3. Find the product of 405 and 3.

(1) 135 (2) 408

(3) 1205 (4) 1215 ( )

4. Which of the letters below has right angles?

(1) H (2) Y

(3) A (4) W ( )

5. The figure below is made up of 6 identical squares.

What fraction of the figure is shaded?

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

(3) $\frac{5}{7}$ (4) $\frac{5}{12}$ ( )

6. Mary saved $10.20. John saved $5.90 more than she. How much money did John save?

(1) $4.30 (2) $5.70

(3) $15.10 (4) $16.10 ( )

7. Arrange the following fractions from the greatest to the smallest.

$$\frac{4}{9}, \quad \frac{1}{4}, \quad \frac{4}{11}$$

(1) $\frac{4}{11}, \quad \frac{4}{9}, \quad \frac{1}{4}$ (2) $\frac{4}{11}, \quad \frac{1}{4}, \quad \frac{4}{9}$

(3) $\frac{4}{9}, \quad \frac{4}{11}, \quad \frac{1}{4}$ (4) $\frac{1}{4}, \quad \frac{4}{9}, \quad \frac{4}{11}$ ( )

8. A jug contained 950 ml of oil. Mrs Ramu poured some oil from the jug to fill 6 bottles completely. Each bottle had a capacity of 120 ml. How much oil was left in the jug?

(1) 134 ml (2) 230 ml

(3) 720 ml (4) 830 ml ( )

9. **Refer to Booklet K.**

10. **Refer to Booklet K.**

Section B (20 × 2 marks)

Do not write in this space

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. Arrange these numbers in order. Begin with the greatest.

9476, 9977, 9784, 9748

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

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12. Fill in the blanks with 'km', 'cm' or 'm'.

(a) The distance across Singapore from North to South is about 23 _____.

(b) The height of a flag pole is about 5 _____.

Answer : (a) _____

(b) _____

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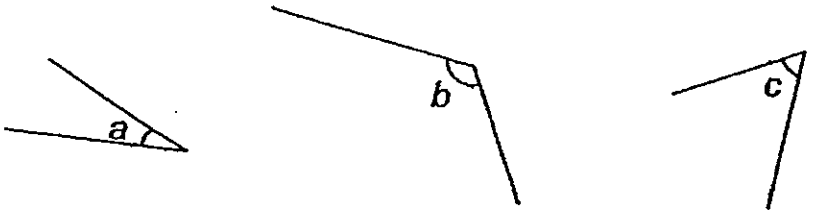
13. 10 000 – ☐ = 5369

What is the missing number in the box above?

Answer: _____

SCORE ☐

14. Look at the angles below:



Arrange the angles from the biggest to the smallest.

Answer : _____, _____, _____
(biggest) (smallest)

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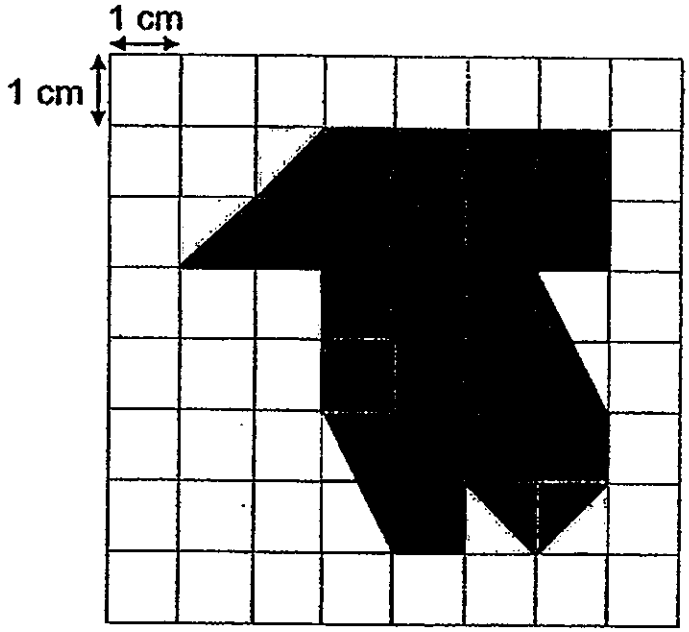
15. Find the area of the figure.



Answer: _____ cm^2

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16. $\frac{2}{3} = \frac{\boxed{A}}{9} = \frac{8}{\boxed{B}}$

Find the missing numbers A and B.

Answer : A = _____

B = _____

SCORE

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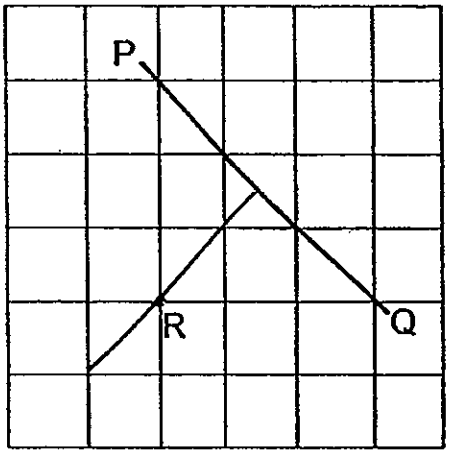
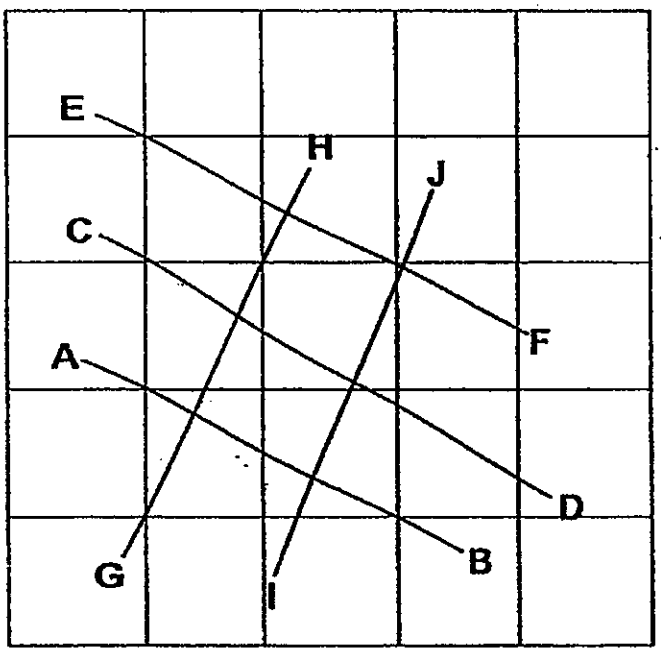
in this spa

17. In the square grid below, use a ruler and a pencil to draw a line perpendicular to PQ, passing through dot R.

Do not write in this space



18. Study the figure below. Which line is parallel to AB?



Answer: _____

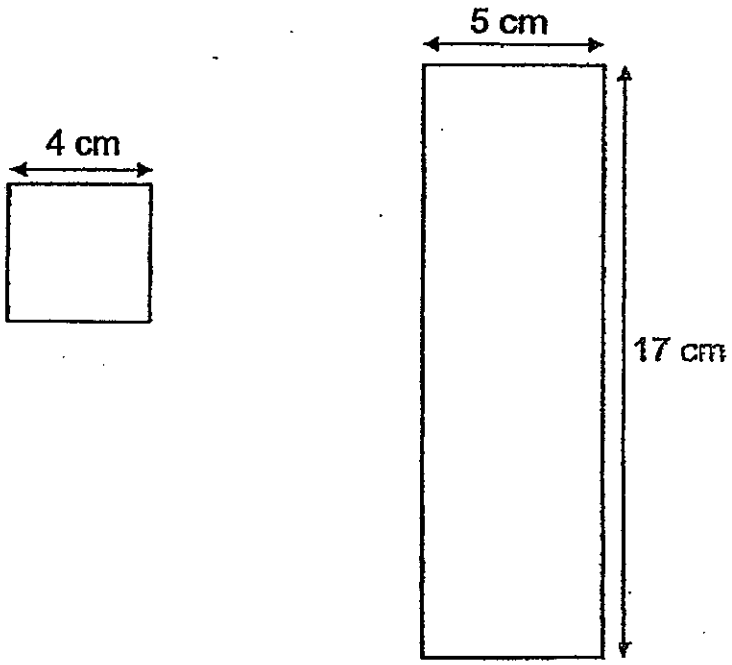
SCORE

19. The product of two numbers is 935.
If one of the numbers is 5, what is the other number?

Do not writ
in this spac

Answer: _____

20. Sam drew a square and a rectangle as shown below.
Find the difference in their areas.



Answer: _____ cm^2

SCORE

21. A box of fruits has a mass of 8 kg. The mass of the empty box is 500 g. What is the mass of the fruits?

Answer: _____ g

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22. Mrs Lui bought a pizza. She gave Xinni $\frac{1}{4}$ of the pizza and ate $\frac{1}{8}$ of it. What fraction of the whole pizza had she left?

Answer: _____

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23. Mr Hong has 3 tins of paint. Each tin contained 3 ℓ of paint. He had 4700 ml of paint left after using some to paint his house How much paint did he use? Give your answer in ℓ and ml.

Answer : _____ ℓ _____ ml

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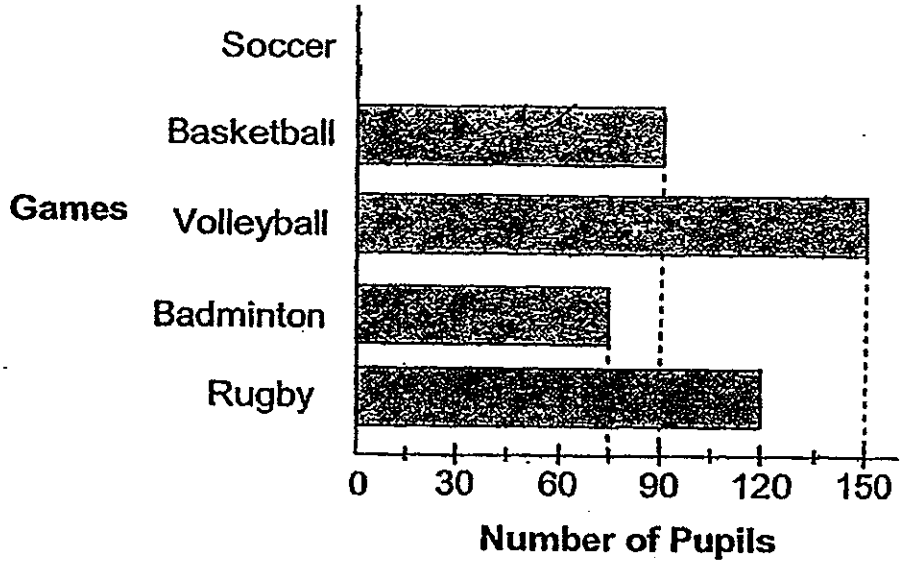
24. Bryan started to read a comic book at 10 minutes to 3 p.m. He took 25 minutes to finish it. At what time did Bryan finish reading his comic book?

Answer : _____ p.m.

SCORE

The bar graph below shows the games played by the pupils in a school. Each pupil played only one game. The bar that shows the number of pupils who played soccer has not been drawn. Study it carefully and answer Questions 25, 26 and 27.

Do not write in this space



25. 135 pupils played soccer and basketball altogether. Draw the bar representing the number of pupils who played soccer.

26. Which game is played by more than 90 but fewer than 150 pupils?

Answer: _____

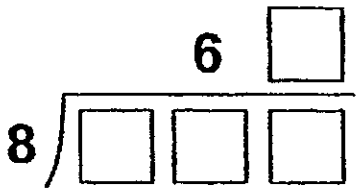
27. Twice as many pupils played _____ as those who played badminton.

Answer: _____

SCORE

28. Write the digits 3, 5, 6 and 7 in the four boxes below to complete the division question correctly. Use each digit once only.

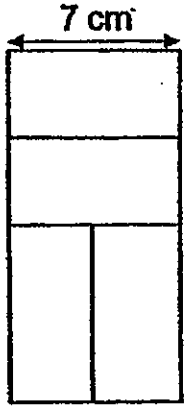
Do not write in this space



29. A muffin and a burger cost $7.80. The muffin and 4 such burgers cost $22.80. What is the cost of a burger?

Answer: $_____

30. The figure below is made up of 4 rectangles of the same size. Find the perimeter of the figure.



Answer : _____ cm

31. **Refer to Booklet K.**

32. **Refer to Booklet K.**

33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

SCORE

Do not write in this space

Section C (6 × 4 marks)

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

35. Alice and Jade had some stamps. Alice had 990 stamps. She had 157 stamps fewer than Jade.

(a) How many stamps does Jade have?

(b) How many stamps do they have altogether?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

36. Dave had some marbles. He bought another 126 marbles and his father gave him 30 marbles. Now he has three times as many marbles as before. How many marbles does Dave have now?

Do not write in this space

Answer: _____ [4]

SCORE

37. Rahim and Ahmad ran in a marathon. Both of them started running at 11 p.m. Ahmad took 6 h 15 min to complete the marathon. Rahim completed the marathon 45 minutes earlier than Ahmad.

Do not write in this space

(a) At what time did Ahmad complete the marathon?

(b) How long did Rahim take to complete the marathon?

(c) At what time did Rahim complete the marathon?

Answer : (a) _____ [1]

(b) _____ [2]

(c) _____ [1]

SCORE

38. Shan has $843. Gina has four times as much money as Shan. Gina has $650 less than Dion. How much **more** money does Dion have than Shan?

Do not write in this space

Answer : _____ [4]

SCORE

39. There were 7 times as many balls in Bag A as in Bag B. After 108 balls were moved from Bag A to Bag B, there was an equal number of balls in both bags.

(a) How many balls were there in Bag B at first?

(b) How many balls were there altogether?

Do not write in this space

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

40. Mike wants to buy a book with his money. He has four 50-cent coins and eight 20-cent coins. He is still short of $1.65.

Do not write in this space

(a) How much money does Mike have?

(b) How much does the book cost?

Answer : (a) _____ [2]

(b) _____ [2]

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41. **Refer to Booklet K.**

42. **Refer to Booklet K.**

End of this Booklet

SCORE

ANSWER SHEET

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

TERM : SA2

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

Section B

Q11) 9977, 9784, 9748, 9476

Q12) a) km
b) m

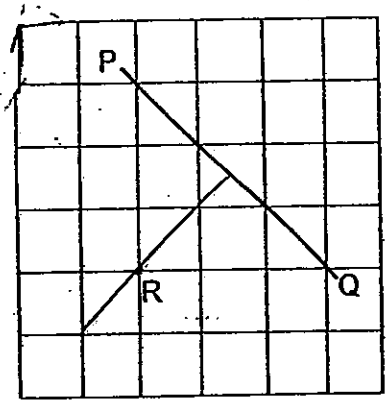
Q13) 4631

Q14) b, c, a

Q15) 23cm^2

Q16) A = 6, B = 12

Q17)

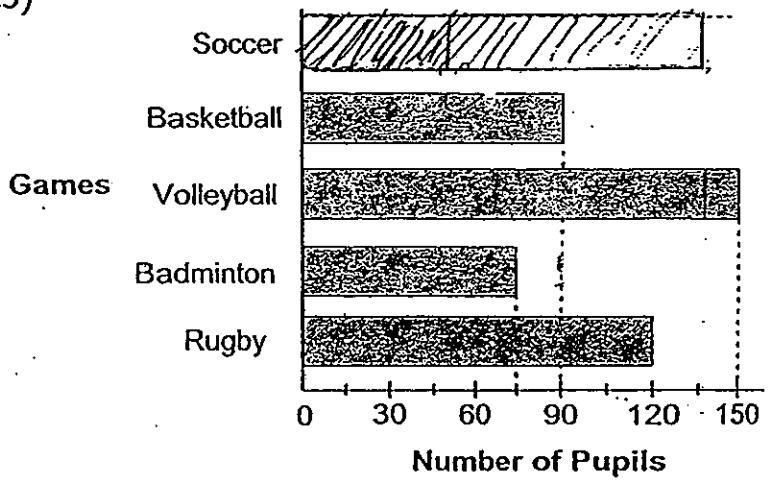


Q18) EF

Q19) 187

Q20) 69cm^2

Q21) 7500g
Q22) 5/8
Q23) 4l 300ml
Q24) 3:15pm
Q25)



Q26) Rugby
Q27) Volleyball
Q28) $8\overline{)536}$ = 67
Q29) $5.00
Q30) 42cm
Q31) No answer
Q32) No answer
Q33) No answer
Q34) No answer

Section C
Q35) a) 990 + 157 = 1147 (Ans)
b) 1147 + 990 = 2137 (Ans)

Q36) 2u → 126 + 30 = 156
1 u → 156 ÷ 2 = 78
3u → 78 x 3 = 234 (Ans)

Q37) a) 5:15am (Ans)
b) 6h 40min – 45min = 5h 30min (Ans)
c) 5:15am – 45min = 4:30am (Ans)

Q38) 4u → 843 x 4 = $3372
$3372 + $650 = $4022
$4022 – $843 = $3179 (Ans)

Q39) a) 3u → 108
1u → 108 ÷ 3 = 36 (Ans)
b) 8u → 36 x 8 = 288 (Ans)

Q40) a) $2 + $1.60 = $3.60 (Ans)
b) $3.60 + $1.65 = $5.25 (Ans)

Q41) No Ans

Q42) No Ans