Pei Chun Public School
Continual Assessment – 2007
Mathematics
Primary 4

Booklet A

Name: _____ ( ) Date: 23 August 2007

Class: Primary 4 ___ Time: 2 h

Maths Teacher: _____

Questions **1** to **12** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write its number in the brackets provided. (24 marks)

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1. In 81 347, the digit 8 is in the _____ place.

   (1) tens

   (2) hundreds

   (3) thousands

   (4) ten thousands ( )

2. Round off 75 849 to the nearest hundred.

   (1) 75 800

   (2) 75 850

   (3) 75 900

   (4) 76 000 ( )

3. The height of the door in our classroom is about _____.

   (1) 200 cm

   (2) 200 m

   (3) 20 cm

   (4) 20 m ( ) 267

4. Which of the following are common factors of 20 and 25?

(1) 1 and 2

(2) 1 and 5

(3) 2 and 5

(4) 5 and 10 ( )

5. 4 hundreds, 2 tens, 5 tenths and 1 hundredth is _____.

(1) 4251

(2) 42.51

(3) 402.51

(4) 420.51 ( )

6. How many quarters are there in $1\frac{1}{2} + \frac{3}{4}$?

(1) 5

(2) 8

(3) 3

(4) 9 ( )

7. $\frac{1}{3}$ of a number is 12. What is $\frac{1}{2}$ of the number?

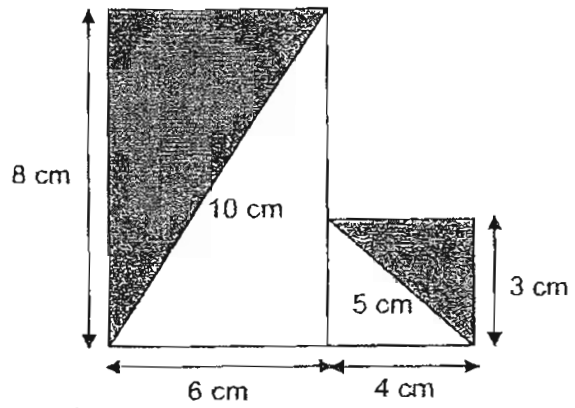
(1) 6

(2) 18

(3) 24

(4) 36 ( )

8. The figure below is made up of 2 rectangles.



What is the perimeter of the unshaded part of the figure?

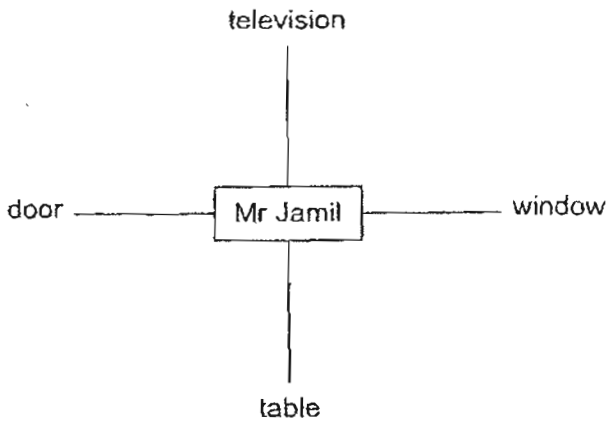
(1) 25 cm

(2) 28 cm

(3) 30 cm

(4) 33 cm ( )

9. Mr Jamil was facing the door. He turned 3 right angles in an anti-clockwise direction.



He is now facing the _____.

(1) television

(2) window

(3) table

(4) door ( )

10. There were 240 people at a concert. There were 3 times as many men as women. How many men were there?

(1) 60

(2) 80

(3) 180

(4) 720 ( )

11. There were a certain number of children in a hall. When they were put into groups of 7, there were 91 groups and 5 children were left over. How many children were there in the hall?

(1) 672

(2) 642

(3) 637

(4) 632 ( )

12. For every $4 that Wei saves, Shan saves $5. Both of them started saving at the same time by putting their savings into an empty piggy bank. How much will Wei have saved if the total amount saved by both of them is $36?

(1) $20

(2) $18

(3) $16

(4) $4 ( )

13. **Refer to Booklet K.**

14. **Refer to Booklet K.**

15. **Refer to Booklet K.**

End of Booklet A

Pei Chun Public School
Continual Assessment – 2007
Mathematics
Primary 4

Booklet B

Name : _____ ( )

Class : Primary 4 ___

Date : 23 August 2007

Time : 2 h

Maths Teacher : _____

Parent's Signature : _____

Marks :

Booklet A	/24
Booklet B	/56
Booklet K Qn 13-15, 33-35, 44, 45	/20
TOTAL	/100

Questions **16** to **25** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

Do not write in this space

16. Write eighteen thousand and fourteen in numerals.

Ans : _____

17. Complete the pattern:

11 495, [ ] , 15 495, 17 495, 19 495

Ans : _____

SCORE [ ]

18. Use **all** the digits 6, 0, 3 and 7 to form the smallest 4-digit whole number.

Do not write in this space

Ans : _____

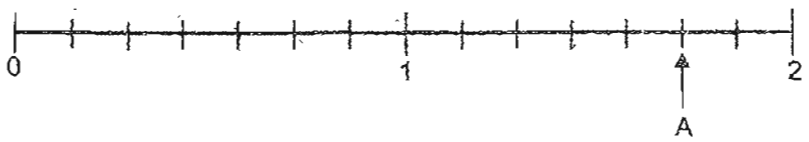
19. Round off 46 573 to the nearest thousand.

Ans : _____

20. Express $\frac{7}{20}$ as a decimal.

Ans : _____

21. What value does the letter A represent?



Ans : _____

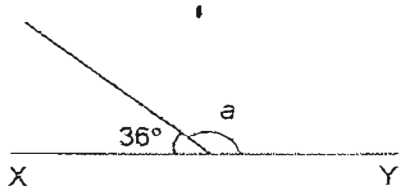
SCORE 2

22. Express $\frac{23}{3}$ as a mixed number.

Do not write in this space

Ans : _____

23. In the figure, XY is a straight line. Find $\angle a$.



Ans : _____

24. Four children shared 0.16 ℓ of milk equally. How many litres of milk did each child get?

Ans : _____ ℓ

25. The area of a square is 64 cm^2. What is its perimeter?

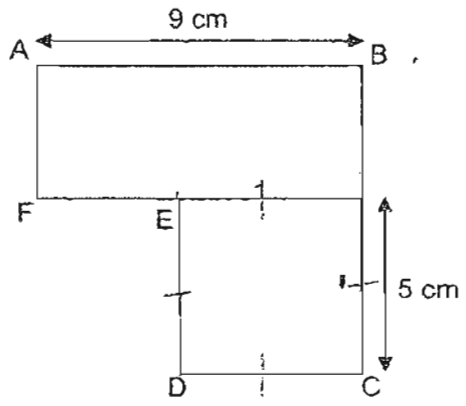
Ans : _____ cm

SCORE 273

Questions **26** to **32** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (14 marks)

Do not write in this space

26. The figure below is made up of a square and a rectangle. Find the length of EF.



Ans : _____ cm

27. Arrange these fractions in order, beginning with the smallest fraction.

$\frac{3}{4}$, $\frac{11}{12}$, $\frac{5}{6}$

Ans : _____

28. What is the missing number in the box below?

$54 \times 79 = 50 \times 79 \div \square \times 79$

Ans : _____

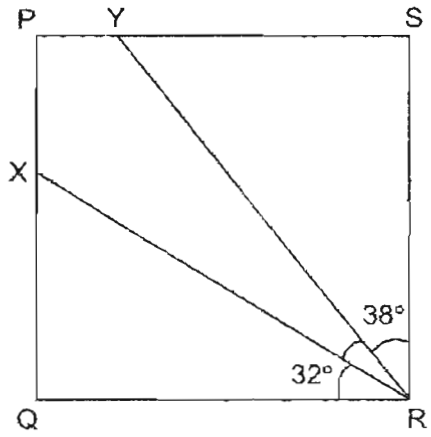
29. Mrs Raja has $\frac{7}{8}$ kg of cooked prawns and $\frac{1}{2}$ kg of uncooked prawns. How many kilograms of prawns does she have? Give your answer in its simplest form.

Ans : _____ kg

SCORE 274

Do not write in this space

30. In the figure below, PQRS is a square. Find $\angle XRY$.



Ans : _____

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31. The sum of two fractions is $\frac{11}{12}$. Their difference is $\frac{1}{4}$. What is the smaller fraction? Give your answer in its simplest form.

Ans : _____

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32. Henry had 45 stamps. After giving 8 stamps to Aini, he had 4 stamps fewer than Aini. How many stamps did Aini have at first?

Ans : _____

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33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

35. **Refer to Booklet K.**

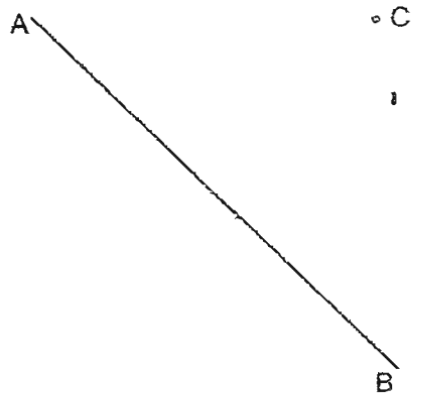
SCORE 2/5

Questions **36** to **43** carry 4 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(32 marks)

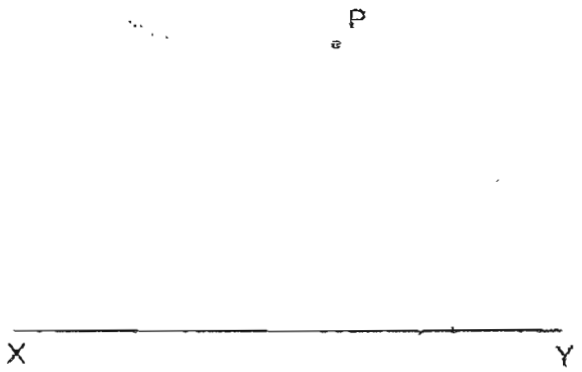
Do not write in this space

36. (a) Draw a line perpendicular to AB through the point C. [2]



(b) (i) Draw a line parallel to XY through the point P.

(ii) Draw arrow heads to show that the lines are parallel. [2]



SCORE 2/6

37. The total height of Bala and David is 3.24 m. Caili's height is half of the total height of Bala and David.

Do not write in this space

(a) What is Caili's height in metres?

(b) What is the total height of the three children?
Give your answer in metres.

Ans : (a) _____ [2]

Ans : (b) _____ [2]

SCORE 2 7

38. Factory A makes 223 shirts a day. Factory B makes 74 fewer shirts a day than Factory A. How many shirts do the two factories make altogether in 31 days?

Do not write in this space

Ans : _____ [4]

SCORE 278

39. Mr Wang had $10 000. He gave his wife $5620 and divided the remainder equally among his 3 children. How much did each child receive?

Do not write in this space

Ans : _____ [4]

SCORE 279

40. On a bus, $\frac{1}{3}$ of the passengers were women, $\frac{5}{9}$ were men and the rest were children. There were 6 children on the bus.

Do not write in this space

(a) How many adult passengers were there on the bus?

(b) $\frac{1}{4}$ of the adult passengers got off the bus. How many passengers were on the bus then?

Ans : (a) _____ [2]

Ans : (b) _____ [2]

SCORE 280

41. Peiying and Shuxin had the same number of beads. When Peiying gave away 147 of her beads, Shuxin had 4 times as many beads as Peiying. How many beads did they have altogether at first?

Do not write in this space

Ans : _____ [4]

SCORE 281

42. The chairs in a stadium are red, blue, green or yellow in colour. $\frac{2}{5}$ of them are green and yellow chairs. There are half as many green chairs as yellow chairs. There are 639 red and blue chairs each. How many yellow chairs are there?

Do not write in this space

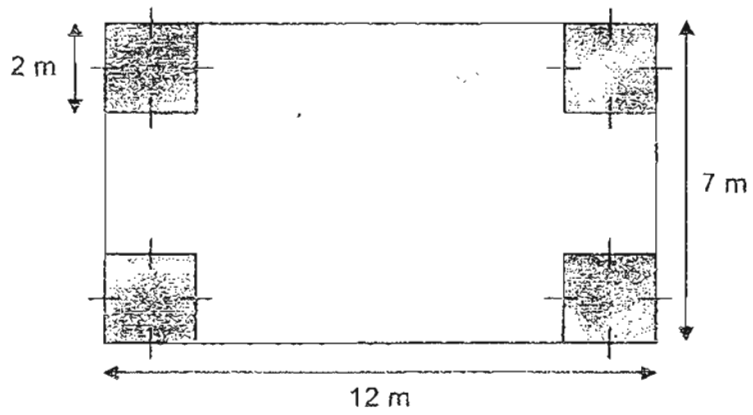
Ans : _____ [4]

SCORE 282

(Go on to the next page)

43. The four shaded corners of a rectangular floor are covered with blue tiles. The rest of the floor is covered with white tiles. What area of the floor is covered with white tiles?

Do not write in this space



Ans : _____ [4]

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44. **Refer to Booklet K.**

45. **Refer to Booklet K.**

End of Booklet B

Set by : Mrs Tan Kwai Sin
Vetted by: P4 Maths Committee Teachers

SCORE 28

ANSWER SHEET

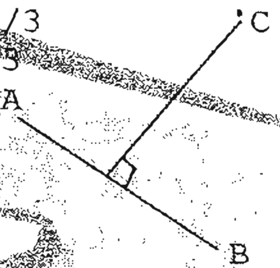
PEI CHUN PRIMARY SCHOOL - PRIMARY 4 MATHEMATICS 2007
CONTINUAL ASSESSMENT (2)

1. 4
2. 1
3. 1
4. 2
5. 4
6. 4
7. 2
8. 3
9. 1
10. 3
11. 2
12. 3
13. 0
14. 0
15. 0
16. 18014
17. 13495
18. 3067
19. 4700
20. 0.35
21. 1[illegible]
22. 7 2/[illegible]
23. 144°
24. 0.041
25. 32cm
26. 4cm
27. ¾ ,5/6,11/12
28. 4
29. 1 3/8
30. 20°

31) 1/3

32) 33

36)a)



36)b)i)ii)

37)a) 3.24÷2=1.62
Calli's height in meters is 1.62m
b) 3.24+1.62=4.86
The total height of the three children is 4.86m

38) 223-74=149
223+149=372
372x31=11532
The two factories make 11532 shirts altogether in 31 days.

39) 10000-5620=4380
4380÷3=1460
Each child received $1460

40) a) 1/3→3/9
3/9+5/9=8/9
1-8/9=1/9
1/9→6
6x8=48
They were 48 adult passengers on the bus.
b) ¼ →2/8
1-2/8=6/8
6x6=36
36+6=42
They were 42 passengers on the bus after ¼ adult left.

41) 147÷3=49
49x8=392
They had 392 altogether at first.

42) 639+639=1278
1278÷3=426
426x2=852
852÷3=284
284x2=568
There are 568 yellow chairs.

43) 2x2=4
4x4=16
12x7=84
84-16=68
68m2 of the floor is coved in white tiles.