Pei Chun Public School
Semestral Assessment 2 – 2015
Mathematics
Primary 4

Booklet B

Name : _____ (15)

Class : Primary 4 ___

Date : 27 October 2015

Time : 2 h

Maths Teacher : _____

Parent's Signature : _____

Marks :

Booklet A	/30
Booklet B	/70
TOTAL	/100

Questions **16** to **30** 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. (30 marks)

Do not write in this space

16. What is the value of the digit 3 in 43 581?

Answer : _____

17. What number is 100 more than 59 998?

Answer : _____

18. Some factors of 45 are 1, 3, 9 and 45. What are the other two factors of 45?

Answer : _____ and _____

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19. Which two of the fractions below are equivalent to $\frac{8}{12}$?

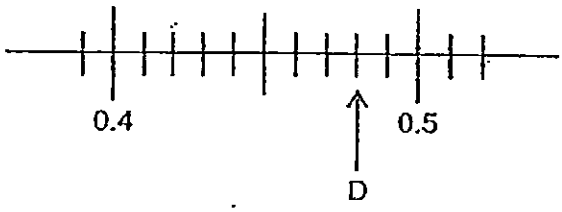
$\frac{16}{24}$, $\frac{6}{10}$, $\frac{4}{6}$, $\frac{3}{4}$

Answer : _____ and _____

20. $\frac{1}{2} - \frac{3}{10} =$ _____

Answer : _____

21. Write the decimal represented by D.



Answer : _____

22. Arrange these numbers from the smallest to the greatest.

0.826 , 3.7 , 0.307 , 0.016

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

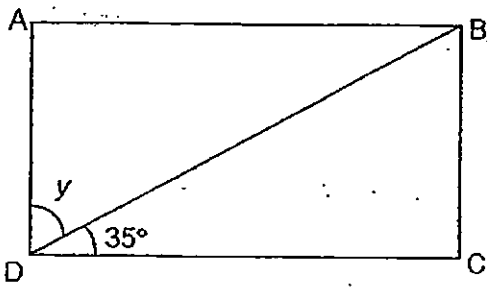
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23. Find the value of 3.74×8.

Do not write in this space

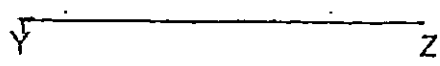
Answer : _____

24. ABCD is a rectangle. Find $\angle y$.



Answer : _____ °

25. In the space below, draw $\angle XYZ = 137°$. The line YZ has been drawn for you. Mark and label the angle.

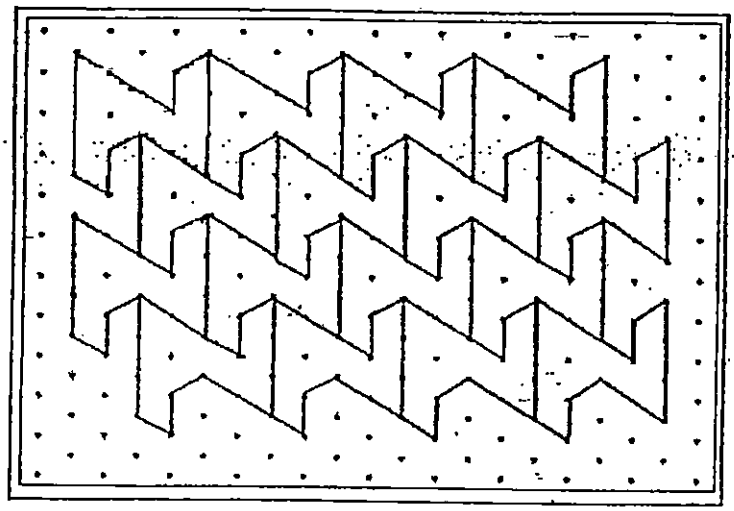


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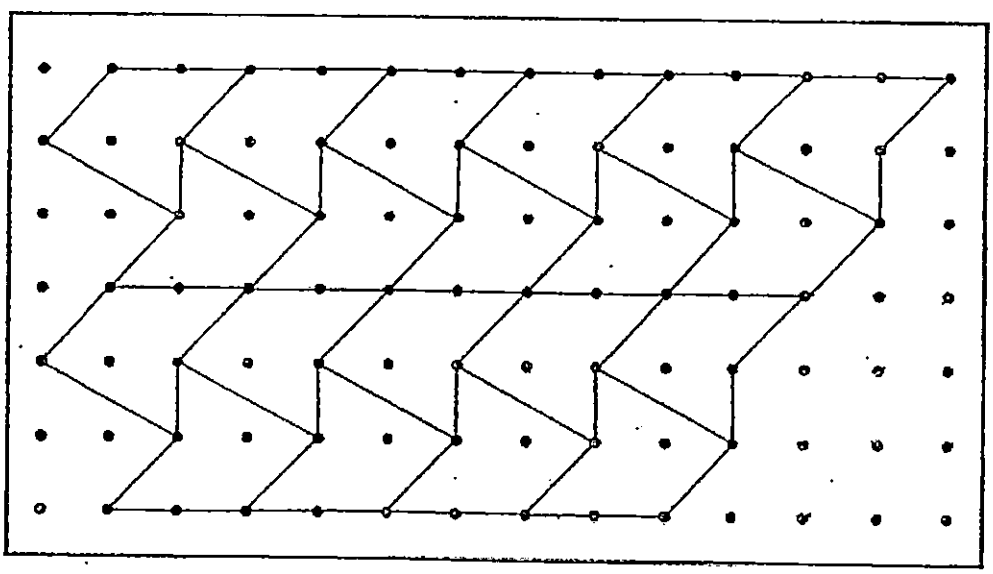
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26. (a) The pattern in the box shows part of a tessellation. Shade a unit shape of the tessellation.

Do not write in this space



(b) The pattern in the box shows part of a tessellation. Extend the tessellation by drawing two more unit shapes in the space provided in the box.

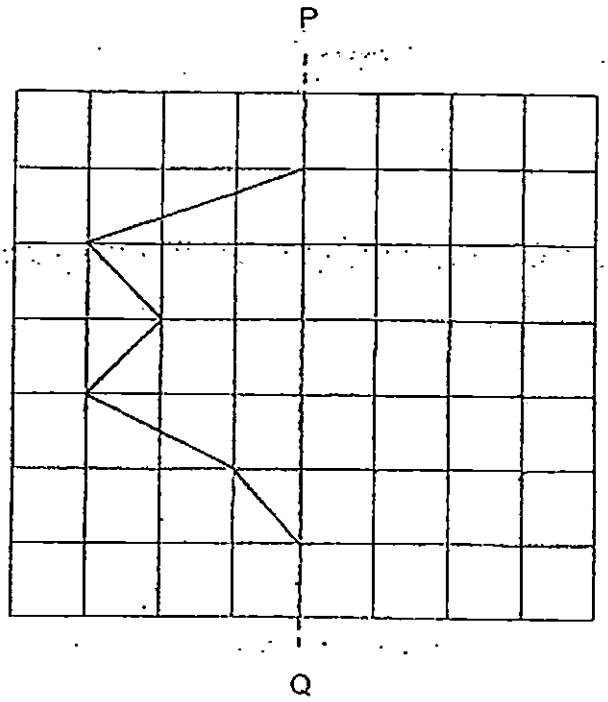


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27. Complete the symmetric figure below so that line PQ is the line of symmetry.

Do not write in this space



28. The table shows the number of chocolate cakes and mango cakes baked on 4 days of a week.

Day	Chocolate Cakes	Mango Cakes
Tue	40	20
Wed	17	51
Thu	50	20
Fri	33	33

(a) On which day were there more mango than chocolate cakes baked?

(b) On which day was the most number of cakes baked?

Answer : (a) _____

(b) _____

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29. The table shows the schedule of the show times at a bird park.

Do not writ in this spac

Show	Start Time	Duration
Fly with Hawks Show	10 00, 13 00	30 min
Parrots Paradise Show	10 45, 16 30	40 min
Wings of Asia Show	11 15, 14 30	45 min
World of Darkness Show	12 00, 16 15	1 h

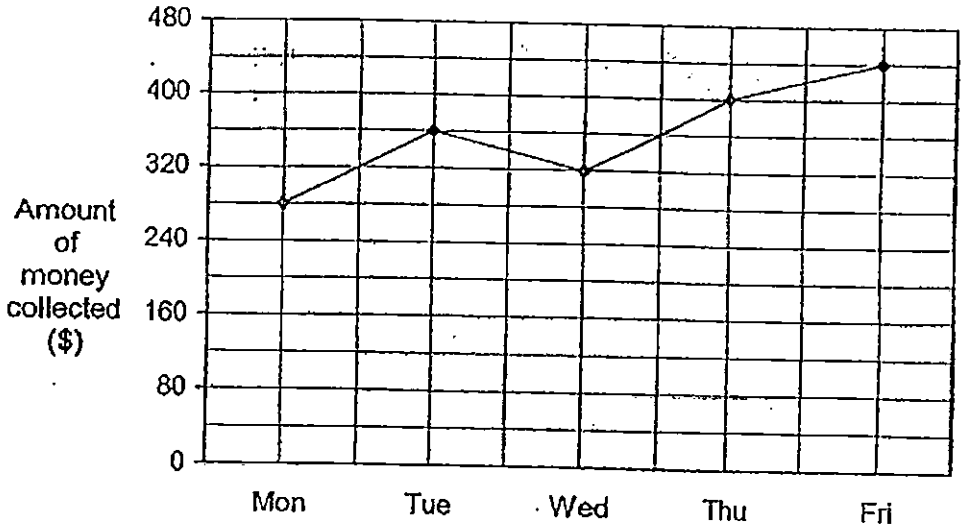
(a) Jimei watched the Parrots Paradise Show at 10 45. What time did the show end? Give your answer in 24-hour time.

(b) Peter arrives at the bird park with his classmates at 1.15 p.m. The bus will pick them up at 5 p.m. What show can Peter watch from the start to the end?

Answer : (a) _____

(b) _____

30. The graph below shows the amount of money collected from the sale of T-shirts for 5 days.



If each T-shirt was sold for $4, how many more T-shirts were sold on Friday than on Wednesday?

Answer : _____

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For questions 31 to 40, show your working clearly 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. (40 marks)

Do not write in this space

31. A baker baked 5640 tarts. He packed all the tarts into boxes of 6 and sold them at $12 per box. The baker sold 543 boxes of tarts.

(a) How many boxes of tarts did the baker pack?

(b) How much money was collected from the sale of the tarts?

Answer : (a) _____ [2]

(b) _____ [2]

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32. Mr Bala had 56 guppies. He gave $\frac{1}{4}$ of them to his friend and $\frac{5}{8}$ of them to his neighbour. He kept the rest of the guppies for himself.

Do not write in this space

(a) How many guppies did he give away altogether?

(b) What fraction of the guppies did he keep for himself?

Answer : (a) _____ [3]

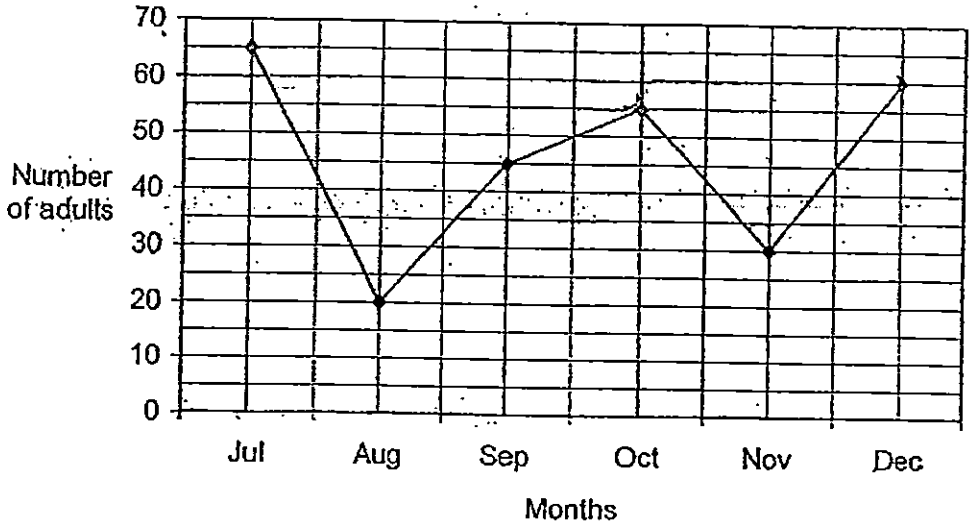
(b) _____ [1]

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33. The graph below shows the number of adults who passed the driving test in 6 months.

Do not write in this space



(a) Between which two months was the increase in the number of adults who passed the driving test the greatest?

(b) 28 women passed the driving test in July.
How many men passed the driving test in July?

(c) How many adults passed the driving test from September to November?

Answer : (a) _____ and _____ [1]

(b) _____ [1]

(c) _____ [2]

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34. Three jugs, A, B and C, contain a total of 73.2 ℓ of water. Jug A contains 3.7 ℓ of water more than Jug B. Jug B contains 2.8 ℓ of water more than Jug C. What is the volume of water in Jug B?

Do not write in this space

Answer : _____ [4]

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35. David bought 2 identical boxes of colour pencils and 5 identical notebooks for a total of $45. A box of colour pencils cost $13.50.

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(a) Find the cost of the 2 boxes of colour pencils.

(b) How much did David pay for each notebook?

Answer : (a) _____ [1]

(b) _____ [3]

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36. A carton packed with 1 packet of rice weighs 5.62 kg. The same carton when packed with 4 such packets of rice weighs 21.43 kg.

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(a) Find the mass of 1 packet of rice in kg.

(b) Find the mass of the empty carton in kg.

Answer : (a) _____ [2]

(b) _____ [2]

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37. A shop had 30 violins and some guitars. During a sale, $\frac{1}{3}$ of the violins and $\frac{1}{5}$ of the guitars were sold. 64 guitars were left unsold.

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(a) How many violins were sold?

(b) How many violins and guitars were sold altogether?

Answer : (a) _____ [1]

(b) _____ [3]

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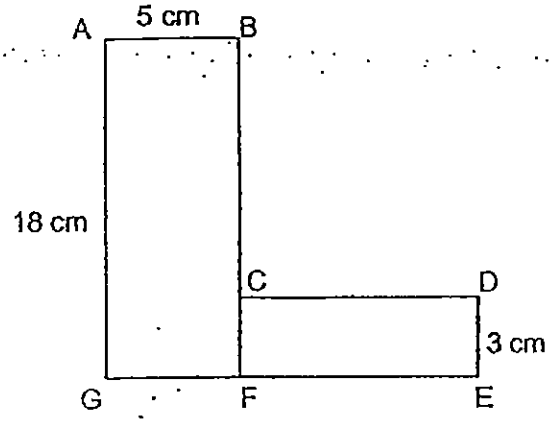
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38. The figure is made up of 2 rectangles. The area of the figure is 126 cm^2.

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(a) What is the length BC?

(b) What is the area of rectangle CDEF?



Answer : (a) _____ [1]

(b) _____ [3]

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39. Aloysius and Song Kai had a total of 174 cards at first. After Aloysius bought 23 more cards and Song Kai gave away 17 cards, Aloysius now has the same number of cards as Song Kai. How many cards did Aloysius have at first?

Do not write in this space

Answer : _____ [4]

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40, Nai Ling created a number pattern as shown below.

Do not write in this space

	Column P	Column Q	Column R	Column S	Column T
Row 3		34	35	36	37
Row 4	38	39	40	41	42
Row 5	43	44	45	46	47

(a) What number can be found in Row 26, Column Q?

(b) In which row will the number 284 be found?

Answer : (a) _____ [2]

(b) _____ [2]

End of Paper

Set by : Ms Joyce Tan and Mrs Eileen Sew

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EXAM PAPER 2015

SCHOOL : PEI CHUN

SUBJECT : P4 MATHEMATICS

TERM : SA2

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

Q11	Q12	Q13	Q14	Q15
4	4	1	2	2

16) 3000

17) 59 998 + 100 = 60098

18) 5 and 15

19) 4/16 and 16/24

20) 1/2 – 3/10 = 2/10

21) 0.48

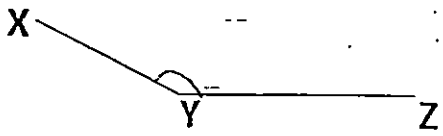
22) 0.016, 0.307, 0.826, 3.7

23) 3.78 x 8 = 29.92

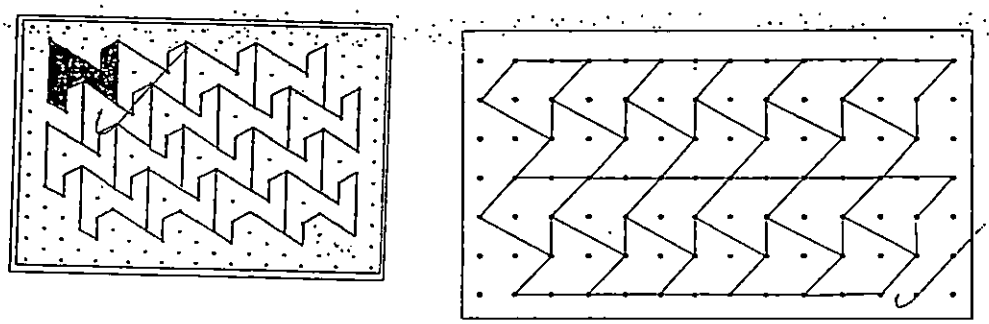
24) 90 – 35 = 55°

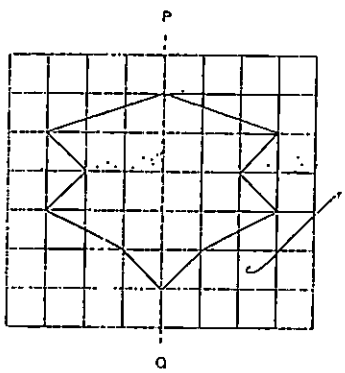
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25) 

26) a)

b) 

27) 

28) a) Wednesday

b) Thursday

29) a) 11 25

b) Wings of Asia

30) $440 ÷ 4 = 110

$320 ÷ 4 = 80

110 – 80 = <u>30</u>

31) a) 5640 ÷ 6 = <u>940</u>

b) 543 x 12 = <u>$6516</u>

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38) a) $18 - 3 = \underline{15}$

b) $126 - 90 = \underline{36}$

39) $174 + 23 = 197$

$197 - 17 = 180$

$180 \div 2 = 90$

$90 - 23 = \underline{67}$

40) a) $30 \times 5 = 150$

$150 - 1 = \underline{149}$

b) $284 + 1 = 285$

$285 \div 5 = 57$

$57 - 4 = \underline{53}$

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32) a) $56 \div 8 = 7$

$7 \times 7 = \underline{49}$

b) $2/8 + 5/8 = 7/8$

$8/8 - 7/8 = \underline{1/8}$

33) a) Nov and Dec

b) $65 - 28 = \underline{37}$

c) $45 + 55 + 30 = \underline{130}$

34) $73.2 - 2.8 - 2.8 - 3.7 = 63.9$

$63.9 \div 3 = 21.3$

$21.3 + 2.8 = \underline{24.1}$

35) a) $13.50 \times 2 = \underline{27}$

b) $45 - 27 = 18$

$18 \div 5 = \underline{3.6}$

36) a) $15.81 \div 3 = \underline{5.27kg}$

b) $5.62 - 5.27 = \underline{0.35kg}$

37) a) $30 \div 3 = \underline{10}$

b) $64 \div 4 = 16$

$16 + 10 = \underline{26}$

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