HENRY PARK PRIMARY SCHOOL
2013 SEMESTRAL EXAMINATION II
MATHEMATICS
PRIMARY 4

100

Name: _____ ( ) Parent's Signature

Class: Pr 4 _____ _____

Duration of Paper: 1 h 45 min

Section A : (15 x 2 marks = 30 marks)
Read each question carefully. For each question, there are 4 options given. Choose the correct answer and shade the oval in the Optical Answer Sheet provided.

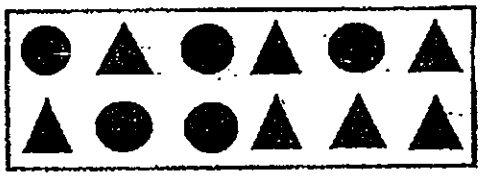
1. In which of the following numbers does the digit 3 stand for 300?

   (1) 1230
   (2) 2103
   (3) 3540
   (4) 4350

2. Ninety-one thousand and seventy-eight in figures is _____.

   (1) 91 780
   (2) 91 708
   (3) 91 078
   (4) 9178

3. What fraction of the shapes in the box are ● ?



(1) $\frac{5}{12}$

(2) $\frac{5}{7}$

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

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

4. $9\frac{5}{6} = \frac{\square}{6}$

What is the missing number in the box?

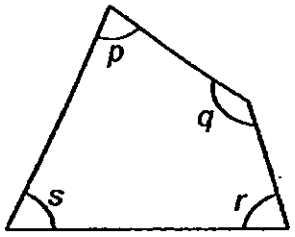
(1) 45
(2) 49
(3) 54
(4) 59 ( )

5. $11.09 = 11 + \frac{9}{\square}$

What is the missing number in the box?

(1) 1
(2) 10
(3) 100
(4) 1000 ( )

6. In the figure, which angle is greater than a right angle?



(1) $\angle p$
(2) $\angle q$
(3) $\angle r$
(4) $\angle s$ ( )

7. Mr Yuan started watching a show at 16 48. He finished watching the show at 17 16. How long did the show last?

(1) 12 min
(2) 16 min
(3) 28 min
(4) 32 min ( )

8. Round off 224.74 to 1 decimal place.

(1) 224.0
(2) 224.7
(3) 224.8
(4) 225.0 ( )

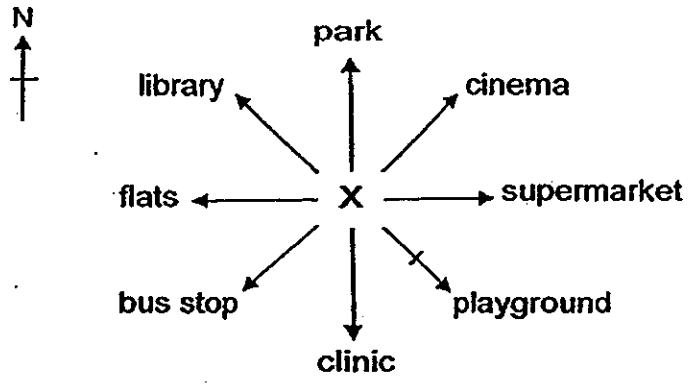
9. Samuel bought 9 bottles of orange juice. Each bottle contained 1.35 l of orange juice. How many litres of orange juice did Samuel buy in all?

(1) 0.15 l
(2) 9.15 l
(3) 12.15 l
(4) 15.35 l ( )

10. What is the sum of all the factors of 18?

(1) 39
(2) 38
(3) 36
(4) 30 ( )

11. Joanne is standing at the point marked X in the figure below. She is facing the playground. Where will she face when she turns 135° anti-clockwise?



(1) bus stop
(2) flats
(3) library
(4) park ( )

12. Which of the following shapes can be tessellated?

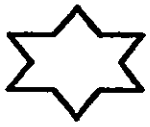


Figure W


Figure X

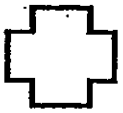


Figure Y


Figure Z

(1) Figures X and Z only
(2) Figures Y and Z only
(3) Figures W and X only
(4) Figures W and Y only

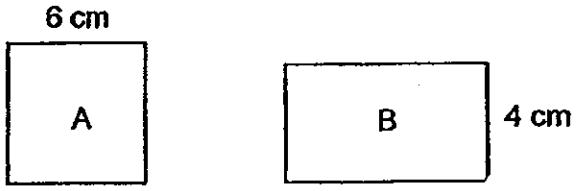
13. There are 320 children in Primary Four. $\frac{5}{8}$ of them take the school bus to school. How many children <u>do not</u> take the school bus to school?

(1) 40
(2) 80
(3) 120
(4) 200

14. Mrs Goh gave $\frac{1}{3}$ of the cookies she baked to Mr Lee and $\frac{1}{4}$ of the cookies she baked to Mr Tan. Given that Mrs Goh was left with 70 cookies, how many cookies did she bake at first?

(1) 98
(2) 120
(3) 168
(4) 245

15. Square A and Rectangle B have the same area. Given that the length of Square A is 6 cm and the breadth of Rectangle B is 4cm, what is the perimeter of Rectangle B ?



(1) 13 cm
(2) 24 cm
(3) 26 cm
(4) 36 cm

Name: _____ ( ) Class: Pr 4 _____

Section B : (20 x 2 marks = 40 marks)
Read the questions carefully and write the correct answer in the boxes provided.
Show all workings clearly.

16. What is the remainder when 1631 is divided by 4?

17. Round off 5606 to the nearest ten.

18. Two factors of 8 are 1 and 8. What are the other two factors of 8?

	and	

19. Which two of the following fractions below are equivalent to $\frac{6}{10}$?

$\frac{12}{20}$, $\frac{8}{15}$, $\frac{3}{5}$, $\frac{2}{3}$

	and	

8

20. Find the value of $1 - \frac{1}{6} \times \frac{1}{2}$

21. Express $\frac{91}{100}$ as a decimal.

22. 12.85 + 0.19 = _____

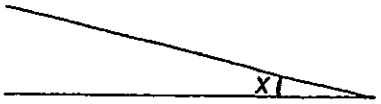
23. Arrange these numbers from the smallest to the greatest.

0.592 , 6.4 , 0.603 , 0.095

_____ , _____ , _____ , _____

(smallest) *(greatest)*

24. Measure and write down the size of $\angle x$.



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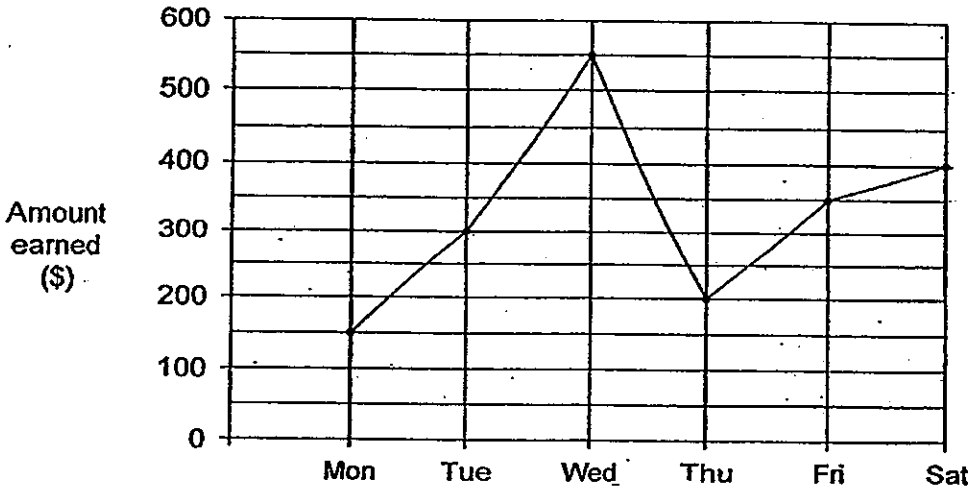
The graph below shows the amount of money Mr Ali earned daily for a week.
Study the graph carefully and answer Question 25 and Question 26.



25. How much money did Mr Ali earn from Monday to Saturday that week?

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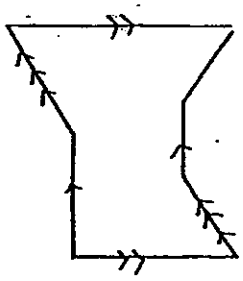
26. In which one-day period was there the greatest increase in the amount earned?

Between _____ and _____

27. How many pairs of parallel lines are there in the figure below?



pairs

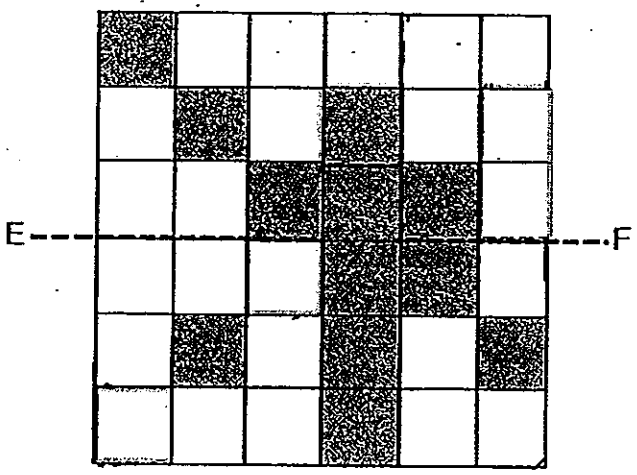
28. The table below shows the number of teachers and pupils from Berry Park School who signed up to go for a trip to Malacca.

	Male	Female
Number of teachers	11	16
Number of pupils	183	122

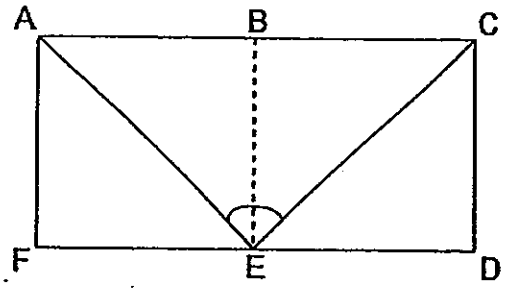
How many more pupils than teachers signed up to go for the Malacca trip?

29. EF is the line of symmetry in the figure below.

Shade 4 more squares to form a symmetric figure.



30. ABEF and BCDE are two similar squares. Find $\angle$ AEC.



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31. I am a number between 30 and 50. I can be divided by 6 and 9 respectively without any remainder. What number am I?

32. Anna used $\frac{4}{9}$ m of a piece of ribbon to tie a parcel. Bonnie used $\frac{1}{3}$ m more ribbon than Anna to tie another parcel. What was the total length of ribbon Anna and Bonnie used?

m

33. A square has a perimeter of 40 cm. Find the area of the square.

cm^2

34. Mr Tong took 2 h 35 min to complete his assignment. He completed his assignment at 19 20. What time did he start working on his assignment? Give your answer in the 12-h clock.

35. Tiana had some money. She donated $28.00 of it and the remainder was divided equally and given to her 4 friends. Each friend received $12.65. How much money did Tiana have at first?

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Name: _____ ( ) Class: Pr 4 _____

Section C : (30 marks)

Read the following problem sums carefully. You may draw models to help you. Show all workings clearly in the spaces provided.

36. Linda has 1080 stamps and Mary has 888 stamps. How many stamps must Linda give to Mary so that both of them will have the same number of stamps each?

Ans: _____ [4]

37. Jason, Kenneth and Lionel collected a total of 143 cards. Jason collected 13 cards more than Kenneth but 9 cards less than Lionel. How many cards did Lionel collect?

Ans: _____ [4]

38. At a bus stop, $\frac{1}{5}$ of the passengers alighted from the bus and 4 new passengers boarded the bus. There were then 36 passengers on board the bus. How many passengers were on board the bus at first?

Ans: _____ [4]

39. Mike has 126 balloons. $\frac{2}{7}$ of the balloons are purple and the rest are orange. What is the difference between the number of purple and orange balloons?

Ans: _____ [3]

40. Mr Fang exercises by jogging and cycling daily. Yesterday, he started exercising at 06 40. He cycled for 1h 30 min and jogged for 55 min. What time did he finish exercising yesterday?

Ans: _____ [3]

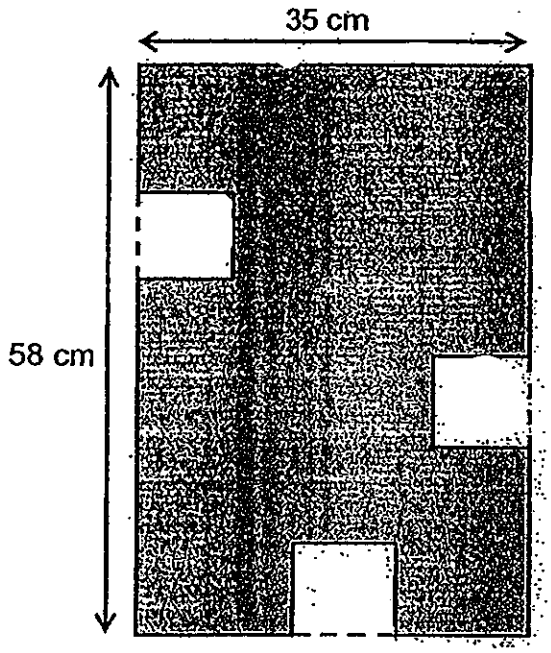
41. Myra paid $97.20 for 2 pens and 3 bags. A bag cost 2 times as much as a pen. How much more did Myra pay for the 3 bags than the 2 pens?

Ans: _____ [4]

42. A jug and a container had the same amount of water at the beginning. After Candice poured out 4.56 *l* of water from the jug and 1.28 *l* of water from the container, the amount of water left in the container is 3 times as much as the amount of water left in the jug. Find the amount of water in the jug at first in litres.

Ans: _____ [4]

43. Three identical squares were cut out from a piece of rectangular cardboard measuring 58 cm by 35 cm as shown below. Each square measured 8 cm by 8 cm. What was the area of the cardboard left?



Ans: _____ [4]

-END OF PAPER-

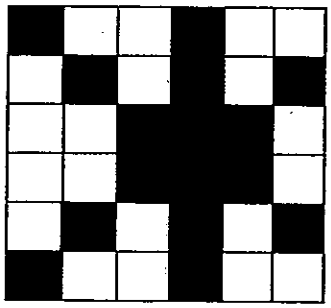
Setters: Mr Tseng LF
Mrs Wong SH

ANSWER SHEET

EXAM PAPER 2013
SCHOOL : HENRY PARK
SUBJECT : PRIMARY 4 MATHEMATICS
TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
4	3	1	4	3	2	3	2	3	1	4	2	3	3	3

Q16) 3
Q17) 5610
Q18) 2 and 4
Q19) 12/20 and 3/5
Q20) 4/12
Q21) 0.91
Q22) 13.04
Q23) 0.095, 0.592, 0.603, 6.4
Q24) 13
Q25) 1950
Q26) Tue and Wed
Q27) 3
Q28) 278
Q29)



Q30) 90
Q31) 36
Q32) 1 2/9
Q33) 100
Q34) 4.45 pm
Q35) 78.60

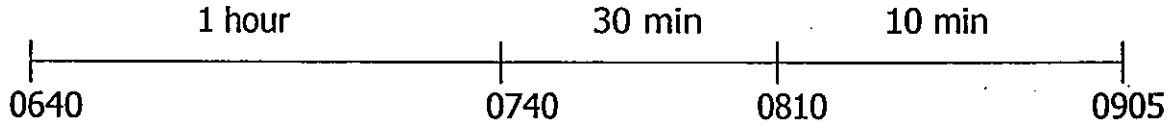
Q36) 1080 + 888 = 1968
1968 / 2 = 984
984 – 888 = 96
Ans: 96 stamps

Q37) 2 x 9 = 18
18 + 13 = 31
143 +31 = 174
174 /3 = 58
Ans: 58 cards

Q38) 36 – 4 = 32
32 / 4 = 8
8 x 5 = 40
Ans: 40 passengers

Q39) 126 / 7 = 18
1 – 2/7 = 5/7
5/7 – 2/7 = 3/7
3 x 18 = 54
Ans: 54

Q40)



Ans: 09 05

Q41) $2P + 3B = 97.20$

$B = 2P$

$2P + 6P = 8P = 97.20$

$1P = 97.20 / 8 = 12.15$

$2P = 12.15 \times 2 = 24.30$

$3B = 97.20 - 24.30 = 72.90$

$3B - 2P = 72.90 - 24.30 = 48.60$

Ans: \$48.60

Q42) $2u = 4.56 - 1.28 = 3.28$

$1u = 3.28 / 2 = 1.64$

$1.64 + 4.56 = 6.2$

Ans: 6.2 L

Q43) $8 \times 8 = 64$

$3 \times 64 = 192$

$58 \times 35 = 2030$

$2030 - 192 = 1838$

Ans: 1838 cm^2