HENRY PARK PRIMARY SCHOOL
2012 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 3

100

Name: _____ ( )

Class: Pr 3 _____

Parent's Signature

Duration of Paper: 1 h 30 min

_____

Section A: (20 x 2 marks = 40 marks)

Read each question carefully. For each question, four options are given. One of them is the correct answer. Choose the correct answer (1, 2, 3 or 4). Shade the correct oval on the Optical Answer Sheet provided.

1. In 6305, the digit 3 is in the _____ place.

   (1) ones
   (2) tens
   (3) hundreds
   (4) thousands ( )

2. Find the product of 770 and 8.

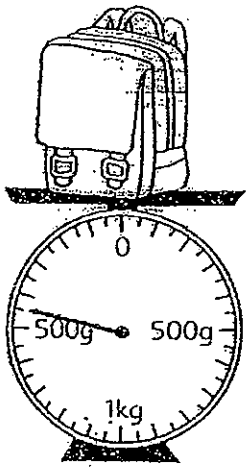
   (1) 6160
   (2) 6168
   (3) 6250
   (4) 6260 ( )

3. 3250 m is the same as _____.

   (1) 3 km 25 m
   (2) 3 km 250 m
   (3) 32 km 5 m
   (4) 32 km 50 m ( )

71.

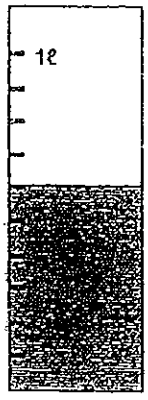
4. Look at the weighing scale. What is the mass of the bag?



(1) 550 g
(2) 600 g
(3) 1550 g
(4) 1600 g

( )

5. What is the volume of water in the beaker shown below ?



(1) 300 mℓ
(2) 500 mℓ
(3) 600 mℓ
(4) 700 mℓ

( )

6. Which of the following is the largest fraction?

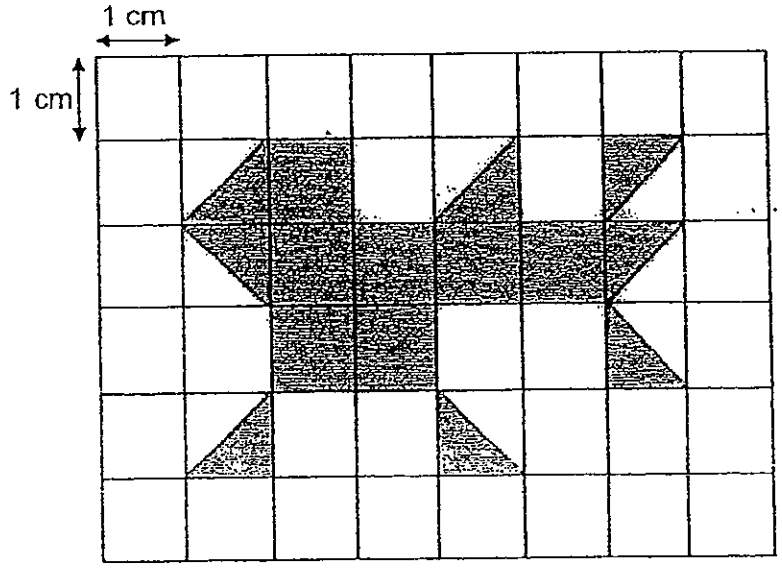
(1) $\frac{2}{5}$

(2) $\frac{3}{4}$

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

(4) $\frac{2}{9}$ ( )

7. What is the area of the following shape?



(1) 10 cm²
(2) 11 cm²
(3) 15 cm²
(4) 22 cm² ( )

73.

8. 8 thousands + 3 hundreds ÷ 5 tens is equal to _____.

(1) 835
(2) 8035
(3) 8305
(4) 8350 ( )

9. What is the greatest 4-digit odd number that can be formed with the digits 2, 9, 7 and 4 ?

(1) 9742
(2) 9724
(3) 9427 ( )
(4) 9247

10. Keith and Vivien had $1200. Keith had $820 more than Vivien. How much money did Vivien have?

(1) $ 190
(2) $ 380
(3) $ 600
(4) $1010

11. Given that ☆ x 6 = 42,

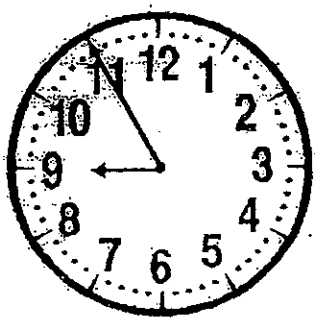
then ☆ x ☆ is _____.

(1) 7
(2) 14
(3) 36
(4) 49 ( )

12. A skirt costs three times as much as a tie. Given that the skirt costs $48, what is the cost of the tie?

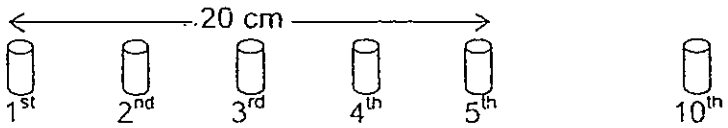
(1) $ 16
(2) $ 24
(3) $144
(4) $192 ( )

13. The time shown on the clock below is 15 min slow.
What should the correct time be?



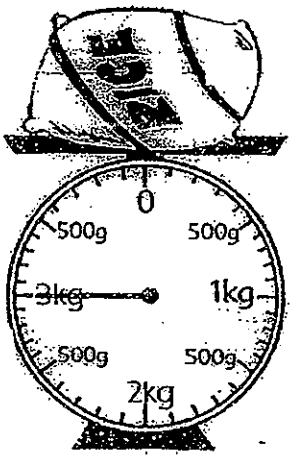
(1) 8.40 a.m.
(2) 9.10 a.m.
(3) 9.40 a.m.
(4) 10.10 a.m. ( )

14. Poles are placed at equal intervals in a straight line.
The distance between the 1st and the 5th pole is 20 cm.
What is the distance between the 1st and the 10th pole?



(1) 36 cm
(2) 40 cm
(3) 45 cm
(4) 50 cm ( )

15. The total mass of a bag of rice and a watermelon is 5150 g.
What is the mass of the watermelon?



watermelon

(1) 2150 g
(2) 4850 g
(3) 5120 g
(4) 5147 g ( )

16. Subtract $\frac{1}{6}$ from $\frac{2}{3}$. Express your answer in its simplest form.

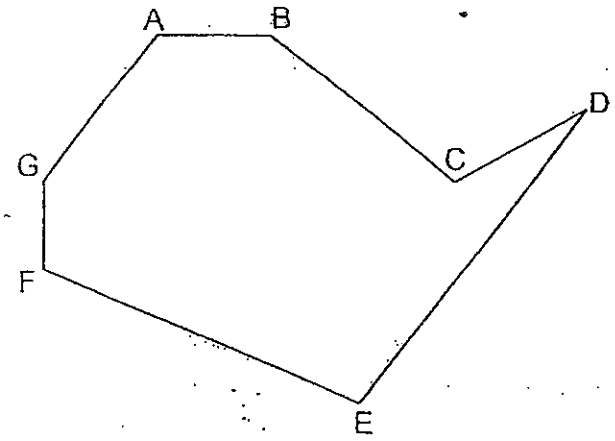
(1) $\frac{1}{2}$

(2) $\frac{1}{3}$

(3) $\frac{1}{6}$

(4) $\frac{1}{9}$ ( )

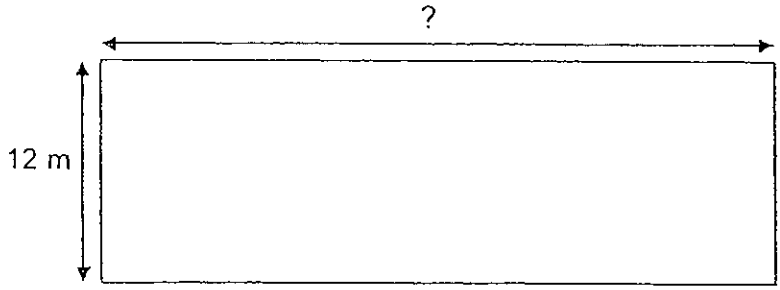
17. Which of the following pair of lines in the figure shown below is parallel?



(1) BC and FE
(2) AG and DE
(3) AB and CD
(4) DE and EF

( )

18. The perimeter of the rectangular plot of land is 60 m. What is its length?



(1) 15 m
(2) 18 m
(3) 36 m
(4) 48 m

( )

77.

19. After she sold 635 pencils and bought another 708 pencils, Mrs Tan had 1234 pencils in her shop. How many pencils did she have at first?

(1) 1161
(2) 1307
(3) 1343
(4) 1942 ( )

20. A container contained 2 ℓ of juice. John drank 150 mℓ of the juice. He then poured the remaining juice equally into 5 glasses. How much juice was there in each glass?

(1) 30 mℓ
(2) 370 mℓ
(3) 430 mℓ
(4) 1850 mℓ ( )

Name:_____ ( )

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Section B: (20 x 2 marks = 40 marks)
Read the questions carefully. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

21. ☐ ÷ 7 = 273 R 5

The missing number in the box is _____.

22. 6 five-dollar notes and 5 twenty-cent coins has the same value as _____.

$

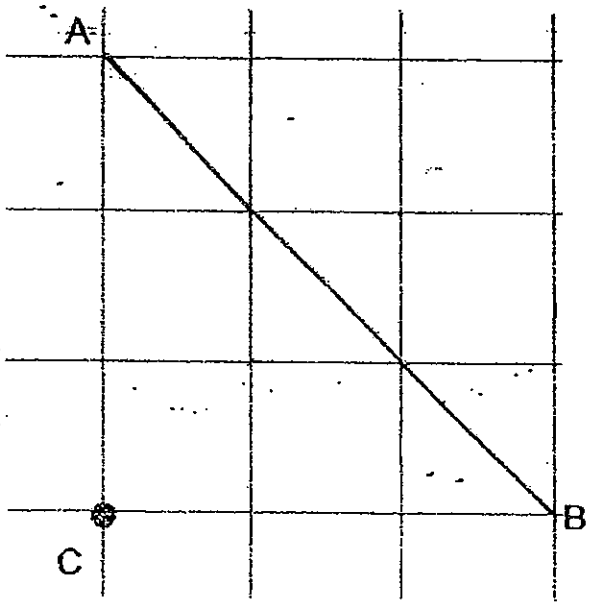
23. 3 kg 8 g is the same as _____g.

24. Express $\frac{4}{10}$ in its simplest from

79.

25. Look at the straight line AB.

Draw a line that is perpendicular to AB, passing through the point C.



26. Use the digits below to form the greatest possible 4-digit number which is greater than 2500 but less than 6000. Each digit can only be used once.

3	6	4	0

27. Library A had 86 books more than Library B.
12 books were moved from Library A and placed in Library B.
How many more books were there in Library A than in Library B now?

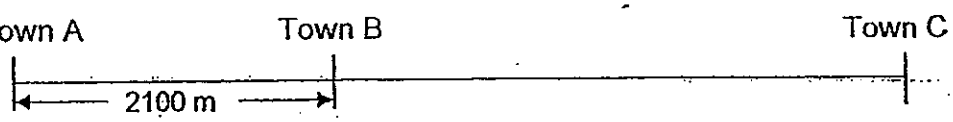
28. Rosaidah and Min Min saved a total of $890.
Rosaidah saved $490 more than Min Min.
Min Min's savings were all in five-dollar notes.
How many five-dollar notes did Min Min save?

29. Helen took 1 hour 45 minutes to do her homework and 30 minutes to clean up her room. How much time did she spend on all these activities?

h min

81.

30.



The distance from Town B to Town C is 5600 m further than the distance from Town A to Town B. What is the distance between Town A and Town C?

[ ] m

31. The capacity of an empty water tank is 4500 mℓ. Benny poured 1275 mℓ of water into it. How much more water must be poured into the water tank to fill it completely?

[ ] mℓ

32. Arrange the fractions in order, begin with the largest fraction.

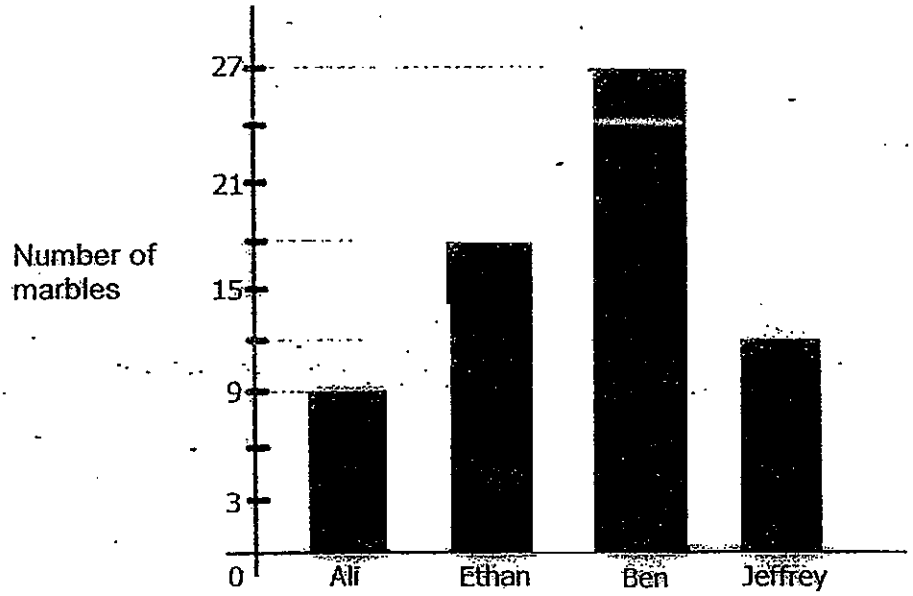
$\frac{5}{12}$, $\frac{3}{4}$, $\frac{1}{3}$

[ ] , [ ] , [ ]

Largest Smallest

[ ]

The graph below shows the number of marbles that 4 children had.
Study the graph carefully and answer questions 33 and 34.



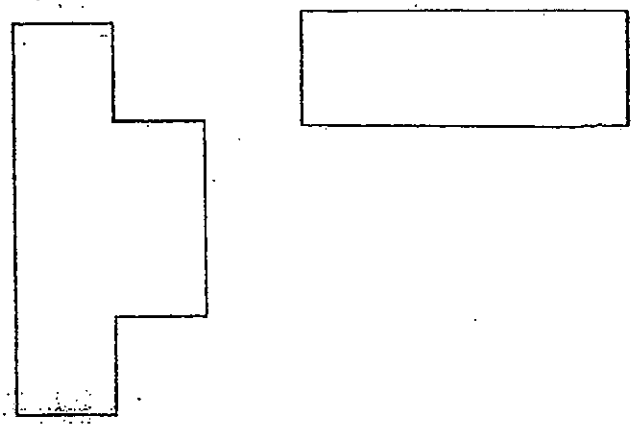
33. Who had thrice the number of marbles Ali had?

34. Ethan lost 6 marbles. His mother then gave him 3 more.
How many marbles had he now?

marbles

83.

35. Study the figure below.
How many right angles are there **inside** the figure?



36. Mum bought a pizza. Bob ate $\frac{1}{9}$ of the pizza while Alice ate $\frac{2}{3}$ of the pizza.

What fraction of the pizza was left?

37. Simon was caught in a traffic jam and took 75 minutes to reach his office. He arrived at his office at 9.40 am. What time did Simon leave his house?

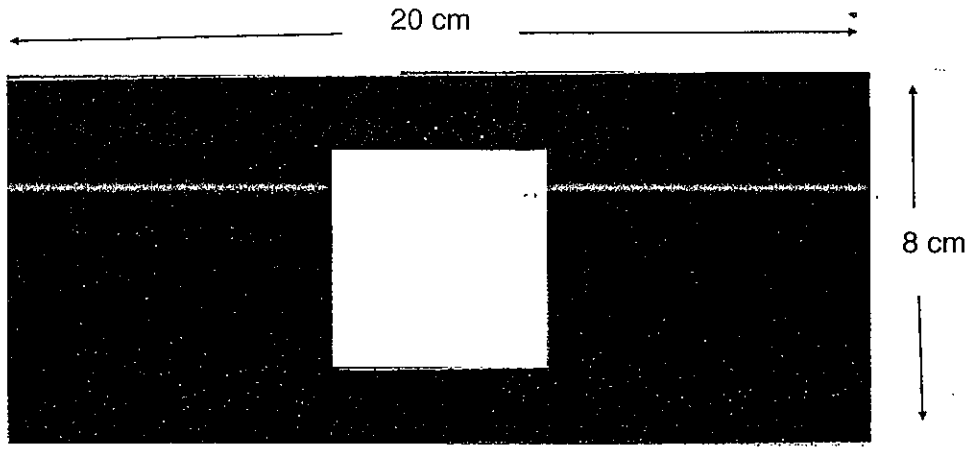
a.m.

38. A string measuring 1280 cm was cut into 3 pieces. The first piece was 620 cm long while the two remaining pieces were equal in length. Find the length of one of the remaining pieces of string.

cm

39. Devi had twice as many pencils as Joan. After Devi gave 56 pencils to Joan, they both had the same number of pencils. How many pencils did they have altogether?

40. A square with an area of 40 cm² was cut out from a rectangular piece of black paper as shown in the figure below. What is the area of the remaining piece of black paper?



cm²

Name:_____( )

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Section C: Problem Sums (5 x 4 marks = 20 marks)

Read the following problem sums carefully. Show your working clearly and write your answers in the spaces provided.

41. Mr Yeong had to paint the chairs in the hall red or blue. After he had painted 1567 chairs, Mr Yeong still had another 865 chairs to paint. Given that he painted 769 chairs red, how many chairs were painted blue?

Working

42. 3 girls shared 4 boxes of sweets equally. There were 90 sweets in each box. How many sweets did each girl get?

Working

87.

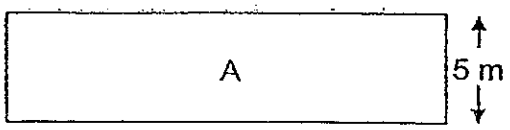
43. There were 1200 children at a carnival. After 147 girls and 279 boys left the carnival, the rest of the children were divided into groups of 9. How many children were there ~~in each group?~~

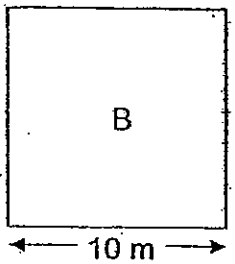
Working

44. Mrs Chan packed 748 apples into packets of 6 apples each. He then sold each packet at $5. For the remaining apples, he sold each apple at $1 each. How much money did she receive from the sales altogether?

Working

45. Rectangle A and Square B have the same area.
Find the perimeter of Rectangle A.





Working

- END OF PAPER -

Setters: Mdm Ong Li Ling
Mrs Png Lai Leng

89.

ANSWER SHEET

EXAM PAPER 2012

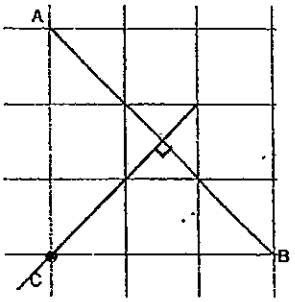
SCHOOL : HENRY PARK
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
3	1	2	3	3	2	2	4	3	1	4	1	2	3	1	1	2

Q18	Q19	Q20
2	1	2

21)1916 **22)$31** **23)3008** **24)2/5** **25)**



26)4630 **27)62** **28)40** **29)2h 15min**

30)9800m **31)3225ml** **32)¾, 5/12, 1/3**

33)Ben **34)15 marbles** **35)6** **36)2/9**

37)8.25a.m. **38)330cm** **39)336** **40)120cm2**

41)No.chairs = 156 + 865 = 2432
No.chairs painted blue = 2432 − 769 = 1663
1663 chairs were painted blue.

42)No.sweets = 4 x 90 = 360
No.swets each girl get = 360 ÷ 3 = 120
Each girl got 120 sweets.

91.

END

43)No. children who left = 147 + 279 = 426
Rest of the children = 1200 − 426 = 774
Group = 774 ÷ 9 = 86
There were 86 group of children.

44)No. packet = 748 ÷ 6 = 124 R4
$ earned from packets = 124 x $5 = $620
$ earned from apple = 4 x $1 = $4
$ earned = $620 + $4 = $624
He received $624 from the salves altogether.

45)10m x 10m = 100m^2
100m^2 ÷ 5 = 20m
2 x 20m + 2 x 5m = 40m + 10m
= 50m
The perimeter of Rectangle A is 50m.