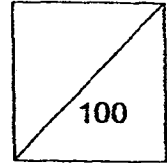




HENRY PARK PRIMARY SCHOOL
2014 SEMESTRAL EXAMINATION I
MATHEMATICS
PRIMARY 4



Name: _____

Parent's Signature _____

Class: Pr 4 _____

Duration of Paper: 1 h 45 min

Section A : (10 x 2 marks = 20 marks)

Read each question carefully. For each question, 4 options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals on the Optical Answer Sheet.

1. In 42 013, the digit _____ is in the ten thousands place.

- (1) 1
- (2) 2
- (3) 3
- (4) 4

()

2. $7\frac{3}{4} = \frac{\boxed{?}}{4}$

What is the missing number in the box?

- (1) 21
- (2) 25
- (3) 28
- (4) 31

()

3. How many seconds are there in 3 min 55 s?

- (1) 165 s
- (2) 180 s
- (3) 235 s
- (4) 355 s

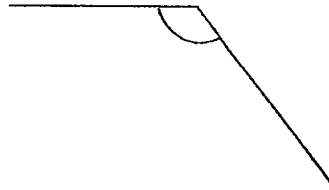
()

4. Which one of the following angles is more than a $\frac{1}{4}$ -turn?

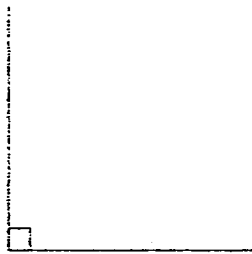
(1)



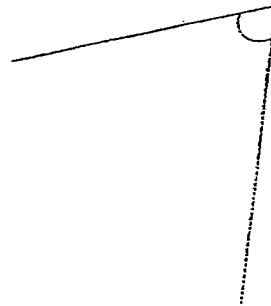
(2)



(3)

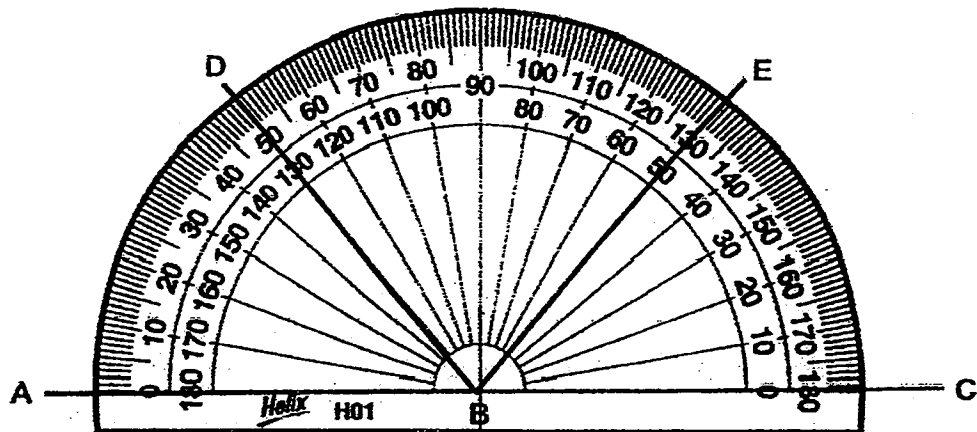


(4)



()

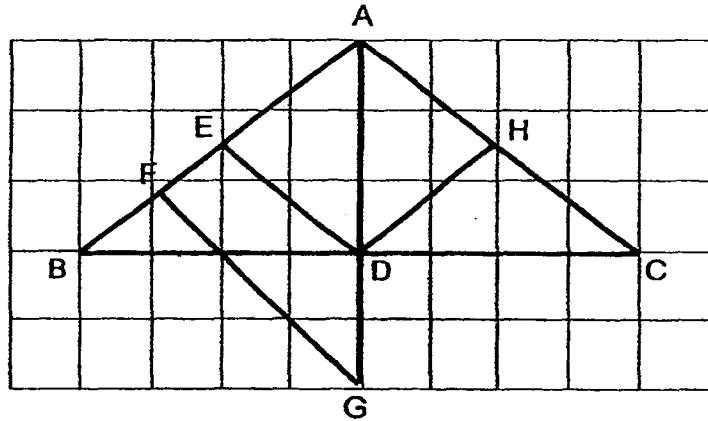
5. Which of the following angles measure 50° ?



- (1) $\angle ABD$
- (2) $\angle ABE$
- (3) $\angle DBC$
- (4) $\angle DBE$

()

6. One of the lines in the figure shown below is parallel to DE .
Which line is parallel to DE ? —DH



- (1) ~~EH~~
(2) FG
(3) EA
(4) HA

()

7. Find the length of the side of a square garden which has an area of 64 m^2 .

- (1) 8 m
(2) 12 m
(3) 16 m
(4) 32 m

()

8. Which of the following numbers is 3100 when rounded off to the nearest hundred?

- (1) 3007
(2) 3017
(3) 3070
(4) 3170

()

9. A number when divided by 8 gives a quotient of 800 and a remainder of 4. What is the number?

- (1) 104
- (2) 208
- (3) 3208
- (4) 6404

()

10. Find the value of $\frac{1}{2} + \frac{1}{8}$.

- (1) $\frac{1}{4}$
- (2) $\frac{3}{4}$
- (3) $\frac{3}{8}$
- (4) $\frac{5}{8}$

()

Section B : (25 x 2 marks = 50 marks)

Read the questions carefully and write the correct answer in the blanks provided.
Show all workings clearly.

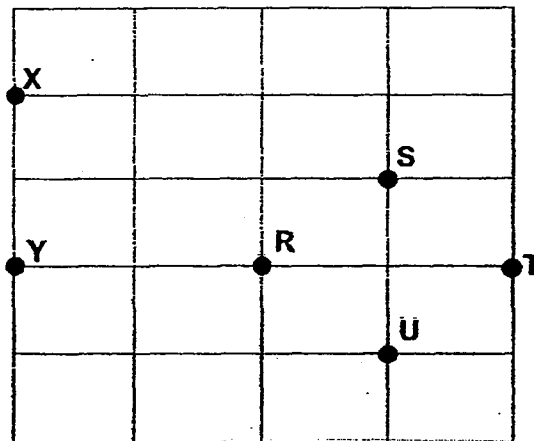
11. Write $\frac{15}{6}$ as a mixed number in its simplest form.

Ans: _____

12. Subtract $\frac{5}{12}$ from $\frac{3}{4}$.

Ans: _____

13. Study the diagram below. Fill in the blanks with the correct answer.



- (a) Which direction is Point Y of Point X?

Point Y is of Point X.

- (b) Which point is north-west of Point T?

Ans: (a) _____

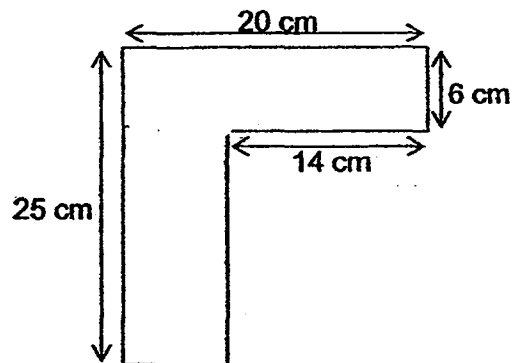
(b) _____

Score:

14. A plane left Singapore at 22 15 on Monday and arrived in Australia at 04 20 on Tuesday. How long was the flight from Singapore to Australia?

Ans: _____ h _____ min

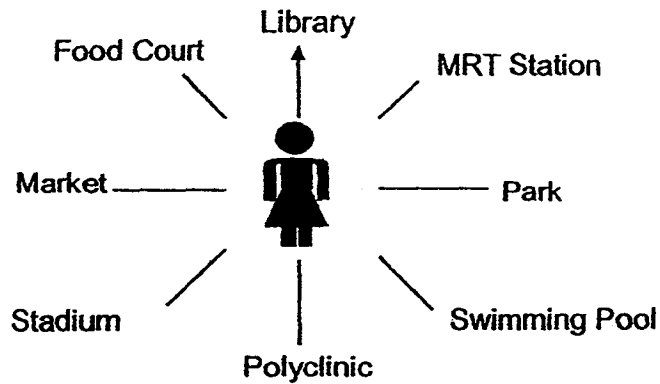
15. Study the figure below carefully. All lines meet at right angles.
Find the area of the figure.



Ans: _____ cm

Score:

Use the 8 point compass shown below to answer Questions 16 and 17.



16. Aileen is facing the food court. Where will she be facing if she makes a half-turn in a clockwise direction?

Ans: _____

17. Aileen is now facing the park. She turned in an anti-clockwise direction then faced the polyclinic. What angle has she turned?

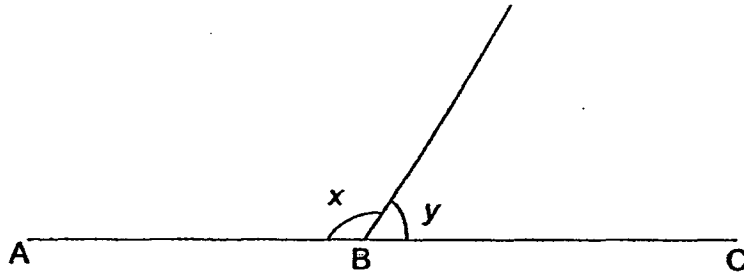
Ans: _____

18. Given that $\angle ABC = 115^\circ$, draw the angle and label it.
The line AB has been drawn for you.

A _____ B

Score: _____

19. ABC is a straight line. $\angle x$ is twice the size of $\angle y$. Find the value of $\angle y$.



Ans: _____

20. Study the number pattern BELOW.

What is the missing number in the box?

15 803 , 15 903 , , 16 103 , 16 203 , 16 303

Ans: _____

21. What is the missing number in the box?

$$560 \times 20 = 11\,000 + \text{$$

Ans: _____

Score:

22. Sean gave $\frac{1}{5}$ of his marbles to his brother. Sean then had 224 marbles left.

How many marbles did he have at first?

Ans: _____

23. June cut a cake into equal slices. She ate $\frac{1}{2}$ of the cake and her sister ate $\frac{1}{3}$ of the cake. What fraction of the cake did they eat altogether?

Ans: _____

24. Anna took 1 h 35 min to complete her homework. She completed her homework at 20 20. What time did she start doing her homework?

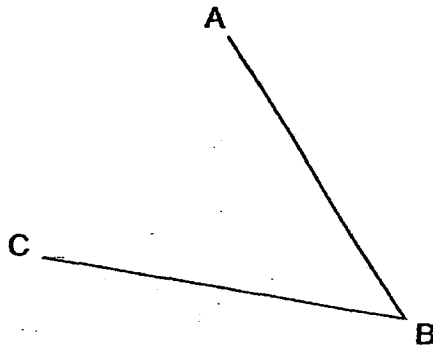
Ans: _____

Score:

25. A piece of wire is 1 m long. It is bent to form a rectangle of breadth 10 cm.
Find the area of the rectangle.

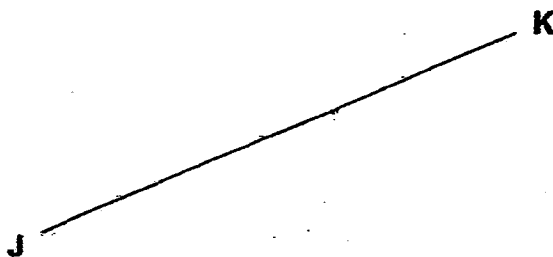
Ans: _____ cm²

26. Measure $\angle ABC$.



Ans: _____

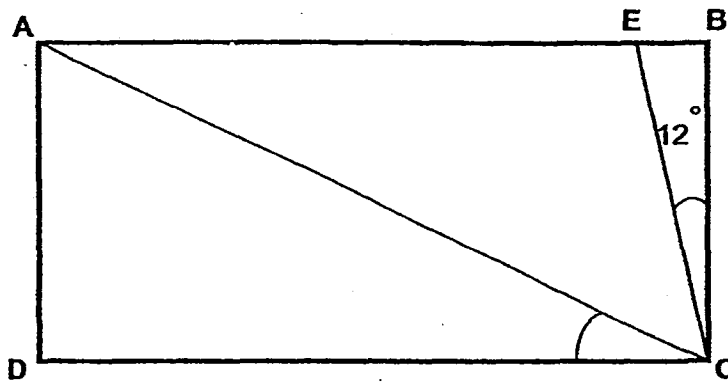
27. Draw a line perpendicular to line JK through the point P.
Label the perpendicular line as MP.



P

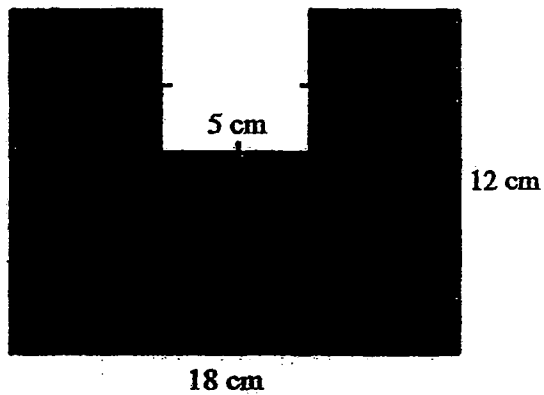
Score:

28. Figure ABCD is a rectangle. $\angle DCA$ is 3 times the size of $\angle BCE$.
Find $\angle ACE$. (The figure is not drawn to scale.)



Ans: _____

29. Find the perimeter of the figure shown below.



Ans: _____ cm

30. Five number cards are shown below.



Arrange these number cards to form the greatest 5-digit odd number.

Ans: _____

Score:

31. Find the first common multiple of 2,3 and 5.

Ans: _____

32. The difference between two numbers is 1254. The greater number is thrice the smaller number. Find the sum of the two numbers.

Ans: _____

33. Three bags contain a total of 128 tomatoes. The first bag contains 3 more tomatoes than the second bag. The second bag contains twice the number of tomatoes as the third bag. How many tomatoes are there in the third bag?

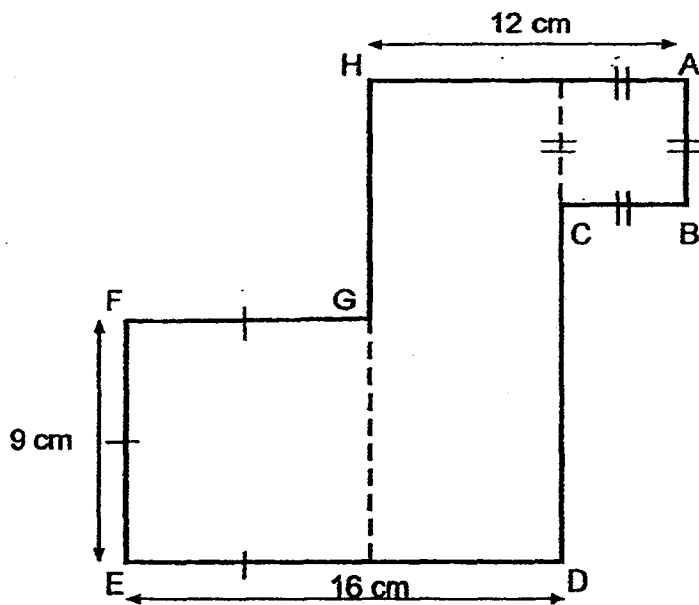
Ans: _____

Score:

34. Mrs Lim bought $\frac{3}{10}$ kg of lychees. Mrs Singh bought $\frac{1}{5}$ kg more than Mrs Lim. Mdm Ani bought $\frac{1}{2}$ kg more than Mrs Singh. How many kilograms of lychees did Mdm Ani buy?

Ans: _____ kg

35. Study the diagram and find the length of AB.



_____ cm

Score:

Section C : (30 marks)

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

36. The total cost of a television, a refrigerator and an oven is \$2500. The television cost \$198 less than the refrigerator but \$224 more than the oven. Find the cost of the refrigerator.

Ans: _____ [4]

Score:

37. Mr Ng baked an equal number of muffins daily from Monday to Thursday. He baked 800 muffins each day on Friday and Saturday. He baked a total of 3400 muffins over the six days. How many muffins did he bake on Wednesday?

Ans: _____ [3]

38. In a class, $\frac{1}{3}$ of the pupils belong to Group A and $\frac{2}{9}$ of the pupils belong to Group B. The remaining 16 pupils belong to Group C. How many pupils are there in the class?

Ans: _____ [3]

Score:

39. A bus journey from Kuala Lumpur to Singapore takes 6 h 20 min. Adam boarded the bus which left Kuala Lumpur for Singapore at 22 35. Charlie boarded another bus which left Kuala Lumpur for Singapore 30 minutes later than Adam.

(a) At what time did Charlie reach Singapore?

(b) Adam's bus was delayed by 45 minutes. What time did he reach Singapore?

Ans: (a) _____ [2]

(b) _____ [2]

Score:

40. The length of a rectangle is 3 times its breadth. Given that the length of the rectangle is 24 cm,

(a) find the area of the rectangle,

(b) find the perimeter of the rectangle.

Ans: (a) _____ [2]

(b) _____ [2]

Score:

41. Three shirts and a pair of pants cost \$246. Each shirt cost \$50 less than the pair of pants. Find the cost of one shirt and a pair of pants.

Ans: _____ [4]

Score:

42. Cindy has 15 stickers and Jenny has 61 stickers. How many stickers must Jenny give to Cindy so that Cindy will have 8 stickers more than Jenny?

Ans: _____ [4]

Score:

43. Julie read $\frac{2}{5}$ of a book on Friday, $\frac{1}{6}$ of the remaining book on Saturday and the rest on Sunday. Given that she read 18 more pages on Friday than Saturday, how many pages are there in the book?

Ans: _____ [4]

-END OF PAPER-

Settlers: Mrs Wong Ser Huay

Mdm Ong Li Ling

Mdm Azida

Score:

Exam Paper 2014 Answer Sheet

School: HENRY PARK PRIMARY SCHOOL
Subject: PRIMARY 4 MATHEMATICS
Term: SA1

1)	4	6)	3
2)	4	7)	1
3)	3	8)	3
4)	2	9)	4
5)	1	10)	4

11. $2\frac{1}{2}$

12. $\frac{1}{3}$

13. (a) South
(b) Point S

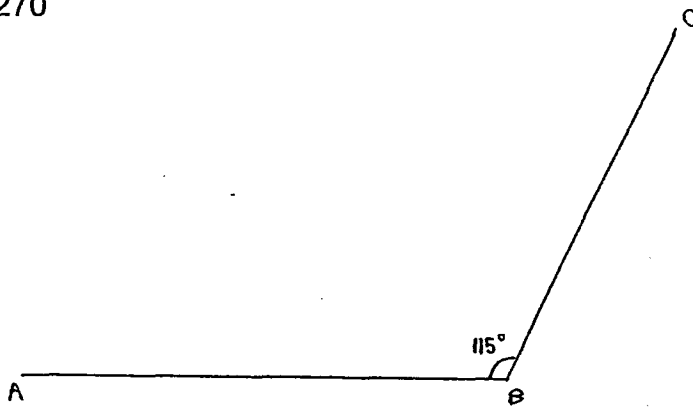
14. 6h 5 min

15. 234

16. Swimming pool

17. 270

18.



19. 60

20. 16003

21. 200

22. 280

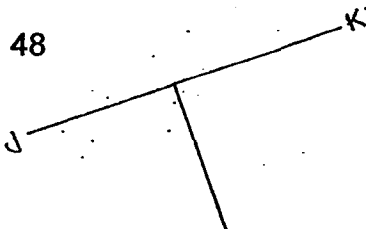
23. $\frac{5}{6}$

24. 1845

25. 400

26. 48

27.



28. 42

29. 70

30. 98603

31. 30

32. 2508

33. 25

34. 1

35. 5

36. $2500 - 198 = 2302$
 $2302 + 224 = 2526$
 $2526 \div 3 = 842$
 $842 + 198 = \mathbf{\$1040}$

37. $2 \times 800 = 1600$
 $3400 - 1600 = 1800$
 $1800 \div 4 = \mathbf{450 \text{ muffins}}$

38. $16 \div 4 = 4$
 $4 \times 9 = \mathbf{36 \text{ pupils}}$

39. (a) **0525**
(b) **0540**

40. (a) $24 \div 3 = 8$
 $8 \times 24 = \mathbf{192cm}$
(b) $24 \times 2 = 48$
 $8 \times 2 = 16$
 $16 + 48 = \mathbf{64cm}$

41. $246 - 50 = 196$
 $196 \div 4 = 49$
 $49 \times 2 = 98$
 $98 + 50 = \mathbf{\$148}$

42. $15 + 61 = 76$
 $76 \div 2 = 38$
 $38 - 11 = \mathbf{27 \text{ stickers}}$

43. $(12u - 3u) = 18$
 $9u \rightarrow 18$
 $1u \rightarrow 2$
 $30u \rightarrow \mathbf{60 \text{ pages}}$