SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2014

PRIMARY 4

MATHEMATICS

BOOKLET A

Name : _____ ( )

Parent's Signature

Class : Primary 4

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.
CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 6 printed pages. (Inclusive of cover page)

Section A: (30 marks)

Questions 1 to 15 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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1. In which of the following numbers does the digit 4 stand for 4000?

   (1) 81 254
   (2) 12 458
   (3) 54 128
   (4) 28 541

2. Round off 3655 to the nearest ten.

   (1) 3600
   (2) 3650
   (3) 3660
   (4) 3700

3. Which of the following is the best estimate of 799 x 23?

   (1) 790 x 20
   (2) 800 x 20
   (3) 790 x 30
   (4) 800 x 30

4. Which one of the following is **not** a factor of 60?

   (1) 12
   (2) 15
   (3) 25
   (4) 30

5. What is the sum of the **second** and **sixth** multiple of 3?

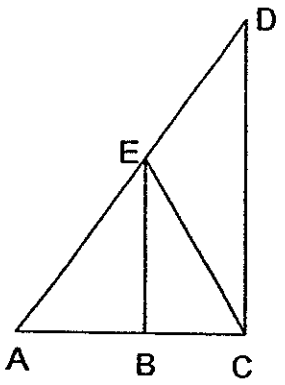
(1) 6
(2) 12
(3) 18
(4) 24

6. L E F T

How many of the letter(s) above has/have both parallel and perpendicular lines?

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

7. Which line is perpendicular to BE?



(1) AC
(2) AE
(3) CD
(4) CE

8. There are 24 girls and 16 boys in a class. What fraction of the class are boys?

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

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

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

(4) $\frac{3}{5}$

9. What is the missing number in the box?

$7\frac{2}{4} = \frac{\square}{2}$

(1) 15

(2) 18

(3) 28

(4) 30

10. Which one of the following has the greatest value ?

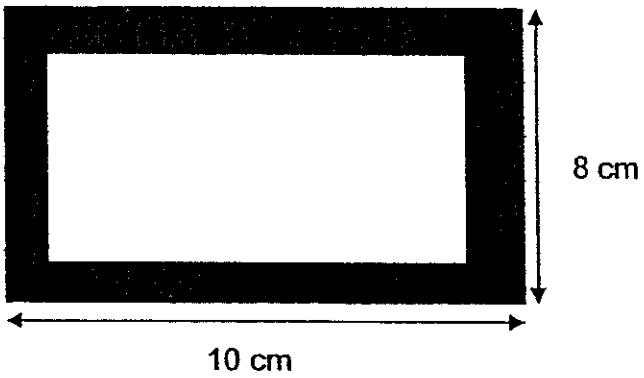
(1) $\frac{2}{3} \times 18$

(2) $\frac{2}{3} \times 24$

(3) $\frac{2}{3} \times 15$

(4) $\frac{2}{3} \times 12$

11. A paper is mounted on a cardboard measuring 10 cm by 8 cm. The area of the paper is 48 cm^2. There is a border around the paper.
Find the area of the border.



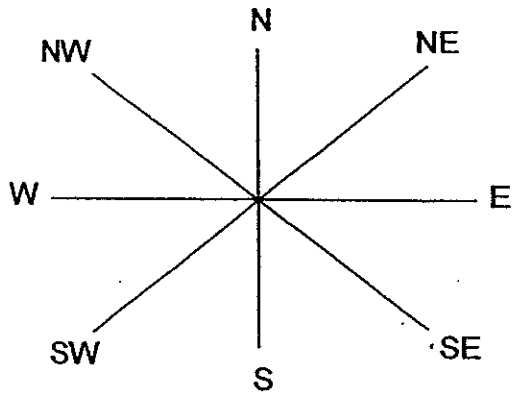
(1) 12 cm^2

(2) 32 cm^2

(3) 80 cm^2

(4) 128 cm^2

12. Look at the 8-point compass below.



Mrs Ng is facing north. She turns _____° in the anti-clockwise direction and she will be facing south-east.

(1) 90°

(2) 135°

(3) 180°

(4) 225°

13. Sam has 80 marbles. Leslie has 4 times as many marbles as Sam.
How many marbles must Leslie give Sam so that they will have the same number of marbles?

(1) 40

(2) 120

(3) 240

(4) 320

14. The sum of 2 numbers is 511. The difference between these 2 numbers is 85. What is the value of the smaller number?

(1) 213

(2) 298

(3) 426

(4) 596

15. 4 years ago, Lisa's father was thrice as old as Lisa.
This year, their total age is 64. How old was Lisa 4 years ago?

(1) 14

(2) 15

(3) 16

(4) 17

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2014

PRIMARY 4

MATHEMATICS

BOOKLET B

Name : _____( )

Class : Primary 4

		Marks attained	Max Mark
Booklet A	**Section A**		**30**
Booklet B	**Section B**		**40**
	Section C		**30**
Total			**100**

Parent's Signature

There are 28 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES
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ANSWER ALL QUESTIONS.

This question paper consists of 12 printed pages. (Inclusive of cover page)

Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write In this column

16. Write 30 911 in words.

_____

_____

17. Fill in the blank with the correct number in the number pattern below.

7294 , 7584 , ___?___ , 8164 , 8454

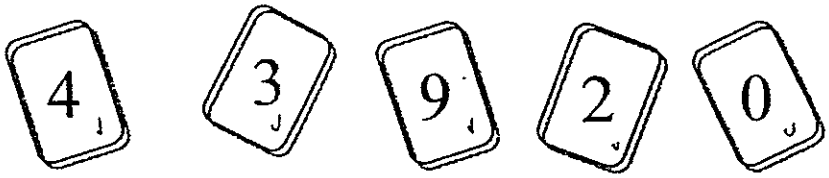
Ans : _____

18. Ben saves $68 every month. How much will he save in 2 years?

Ans : $ _____

Do not write
In this column

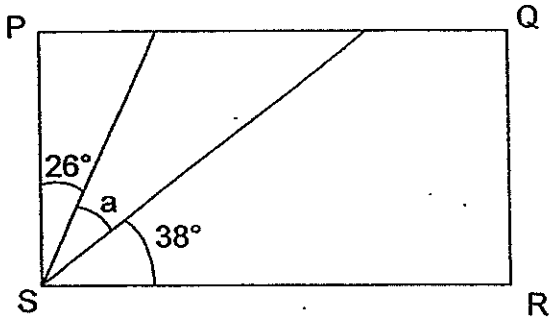
19. Here are five number cards.



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

Ans : _____

20. PQRS is a rectangle. Find the value of ∠a.



Ans : _____°

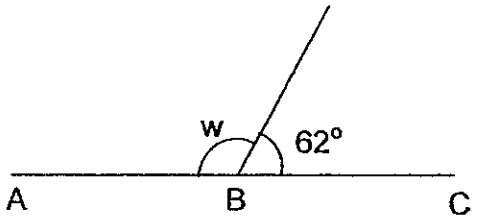
21. Mrs Lee bought 121 lollipops for her pupils. She packed them into packets of 4 lollipops. How many lollipops are left over?

Ans : _____

6

Do not write in this column

22. In the figure below, ABC is a straight line. Find $\angle w$.



Ans : _____°

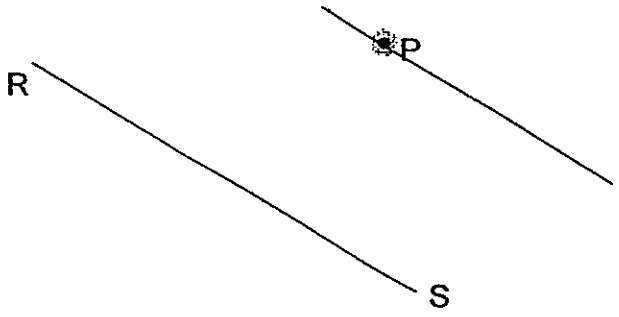
23. The area of a square is 81 cm^2. Find its perimeter.

Ans : _____cm

24. In the space below, draw $\angle XYZ = 85°$. The line XY has been drawn for you. Mark and label the angle.

Do not write
In this column

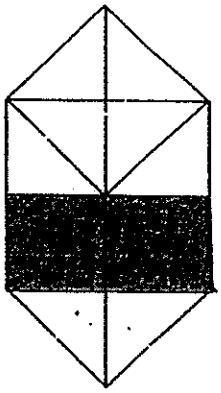
25. Draw a line parallel to RS passing through point P.



26. $1 - \frac{2}{3} - \frac{1}{6} =$ ☐ Express your answer in the simplest form.

Ans : _____

27. How many **more** triangles must be shaded so that $\frac{3}{4}$ of the figure is shaded?



Ans : _____

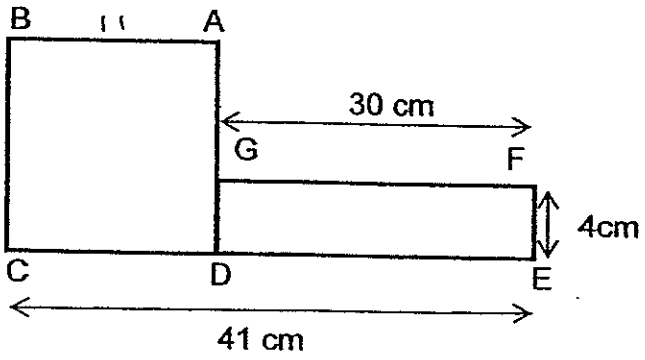
6

28. $\frac{5}{12} + \frac{1}{2} + \frac{7}{12} = \square$ Express your answer in the simplest form.

Do not write in this column

Ans : _____

29. The figure below is made up of a square ABCD and a rectangle DEFG. Find the length of AG.



Ans: _____ cm

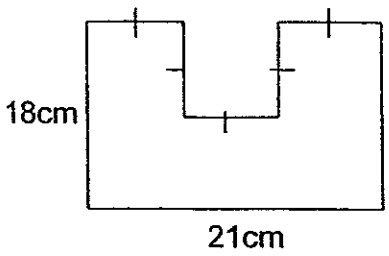
30. Vera spent $\frac{1}{4}$ of her money on a bag and \$99 on a dress. She had \$66 left. How much did the bag cost?

Ans : \$_____

6

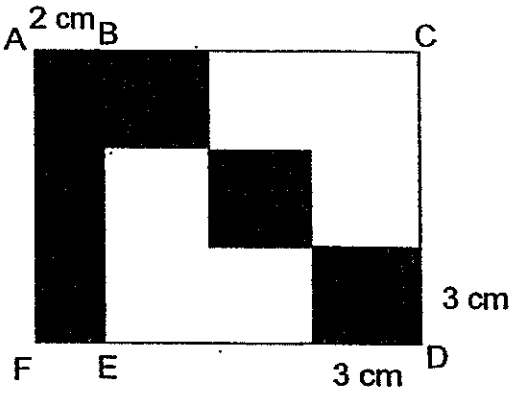
31. Find the perimeter of the figure below. All lines are at right angles to each other.

Do not write In this column



Ans : _____ cm

32. The following figure shows rectangle ACDF and 3 identical squares inside square BCDE. Find the length of DF.

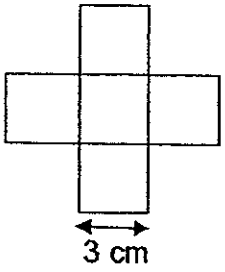


Ans : _____ cm

4

33. The figure below is made up of 5 identical squares. The length of each side of the square is 3 cm. Find the area of the figure.

Do not write In this column



Ans: _____ cm^2

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34. Miss Wong had 12 sweets, 16 chocolates and 20 erasers.
She put the same number of sweets, chocolates and erasers in each bag.
What is the maximum number of bags she can fill without any leftover?

Ans : _____

---

35. There were twice as many girls as boys in the school library. After 10 boys left the school library, there were 3 times as many girls as boys who remained behind. How many girls were there in the school library?

Ans : _____

Section C: (30 marks)

For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marksavailable is shown in brackets [ ] at the end of each question or part-question.

Do not write In this column

36. The total cost of a washing machine and a refrigerator is $1250.

The washing machine costs $\frac{2}{5}$ of the total cost.

Find the cost of the refrigerator.

Ans: _____ [3]

37. Auntie May bought 6 kg of apples. She used $\frac{1}{3}$ of it to make apple pies and gave $\frac{3}{4}$ kg to her friends. How much apples had she left?

Ans: _____ [3]

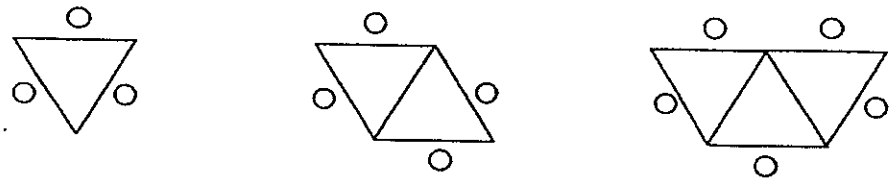
6

38. Dora had $50 more than Eleanor. After Eleanor had spent $34, Dora had 4 times as much money as Eleanor.
How much did Eleanor have at first?

Do not write In this column

Ans: _____ [4]

39. A triangular table in a library can seat 3 pupils. When arranged together, the tables can seat the following number of pupils.



a) How many pupils can be seated if 7 tables are joined together?

b) How many tables can seat 20 pupils together?

Ans: a)_____ [2]

b)_____ [2]

40. Tickets for a funfair are priced at $5 for children and $12 for adults. Mr Toh sold 35 tickets and received $315. How many children tickets did he sell?

Do not write in this column

Ans: _____ [4]

41. For every 3 marbles that Robin buys, Edward buys 2 more than him. They buy 184 marbles altogether. How many marbles does Robin buy?

Ans: _____ [4]

8

42. 1 chocolate bar and 1 pack of biscuits cost $7.
Mother bought 4 chocolate bars and 3 packs of biscuits for $25.50.
How much did 2 chocolate bars cost?

Do not write In this column

Ans: _____ [4]

43. Tom, Jerry and Perry collected 246 stamps. Tom had 4 times as many stamps as Jerry and Perry had 12 fewer stamps than Jerry.
How many stamps did Jerry have?

Ans: _____ [4]

8

END OF PAPER
PLEASE CHECK YOUR WORK

Exam Paper 2014 Answer Sheet

School: SINGAPORE CHINESE GIRLS' SCHOOL
Subject: PRIMARY 4 MATHEMATICS
Term: SA1

1)	3	6)	2	11)	2
2)	3	7)	1	12)	4
3)	2	8)	2	13)	2
4)	3	9)	1	14)	1
5)	4	10)	2	15)	1

16. Thirty thousand, nine hundred and eleven

17. 7874

18. 1632

19. 94203

20. 26

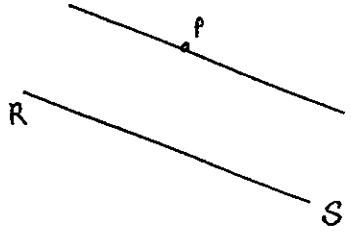
21. 1

22. 118

23. 36

24.

25.



26: $\frac{1}{6}$

27. 5

28. $1\frac{1}{2}$

29. 7

30. 55

31. 92

32. 11

33. 45

34. 4

35. 60

36. 5u → 1250
    1u → 250
    R → 250 x 3 = **$750**

37. Apple pies → $\frac{1}{3}$ x 6 = 2
    Amount left → 6 – 2 – $\frac{3}{4}$ = **$3\frac{1}{4}$ kg**

38. 4u → 34 + 50 + 1u
    3u → 34 + 50 = 84
    1u → 84 ÷ 3 = 28
    E at first → 28 + 34 = **$62**

39. (a) 7 + 2 = **9**
    (b) 20 – 2 = **18**

40. If all were adult, 35 x 12 = 420
    420 – 315 = 105
    12 – 5 = 7
    105 ÷ 7 = **15**

41. R + E → 3 + 5 = 8
    184 ÷ 8 = 23
    R → 23 x 3 = **69**

42. 1 set → $7
    3 sets → $21
    1 bar → $25.50 - $21 = $4.50
    2 bars → **$9**

43. 6u → 246 + 12 = 258
    J → 258 ÷ 6 = **43**