# METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

## END-OF-YEAR EXAMINATION 2013
## PRIMARY 3
## MATHEMATICS

(BOOKLET A)

Total Time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully
Answer all questions.
Shade your answers in the Optical Answer Sheet (OAS) Provided.

Name: _____ (  )

Class: Primary 3._____

Date: 8 October 2013

**This booklet consists of 6 printed pages including this page.**

section A

Questions 1 to 16 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet. (32 marks)

1 7 503 is the same as _____.

(1) 700 + 50 + 3
(2) 7 000 + 50 + 3
(3) 7 000 + 500 + 3
(4) 7 000 + 5000 + 3

2 When 37 is divided by 6, the quotient is _____.

(1) 7
(2) 6
(3) 5
(4) 4

3 5 x 6 = _____ x 2

(1) 15
(2) 22
(3) 30
(4) 60

4 Wee Heng bought a dress and three similar pairs of trousers. The dress cost $40. She gave the cashier $150 and received $26 in change. How much was each pair of trousers?

(1) $28
(2) $45
(3) $54
(4) $84

5 Li Fang was 25 minutes late for the flag raising ceremony. If she reached school at 8.10 a.m., what time did the flag raising ceremony start?

(1) 7.35 a.m.
(2) 7.40 a.m.
(3) 7.45 a.m.
(4) 8.35 a.m.

(Go to the next page)

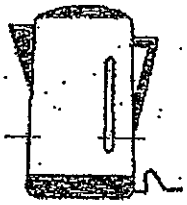
6 How many grams are there in 3kg 3g?

(1) 303g
(2) 330g
(3) 3 003g
(4) 3 030g

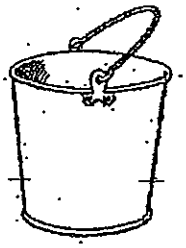
7 A watermelon weighs 1kg 250g. A durian weighs 230g more.
The total mass of the 2 fruits is _____.

(1) 1kg 020g
(2) 2kg 730g
(3) 3kg 400g
(4) 950g

8 What is the total capacity of the two containers shown below?



1000$m\ell$

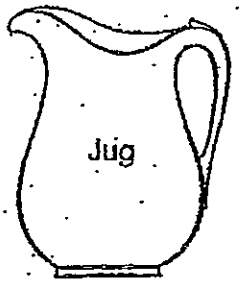


2500$m\ell$

(1) 1$\ell$ 000$m\ell$
(2) 1$\ell$ 500$m\ell$
(3) 2$\ell$ 600$m\ell$
(4) 3$\ell$ 500$m\ell$

9 8 packets of milk can fill half the jug. What is the capacity of the jug?

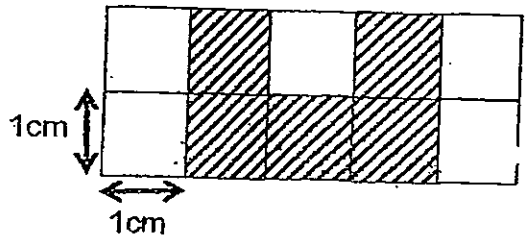
250 $m\ell$




(1) 1$\ell$
(2) 2$\ell$
(3) 8$\ell$
(4) 4$\ell$

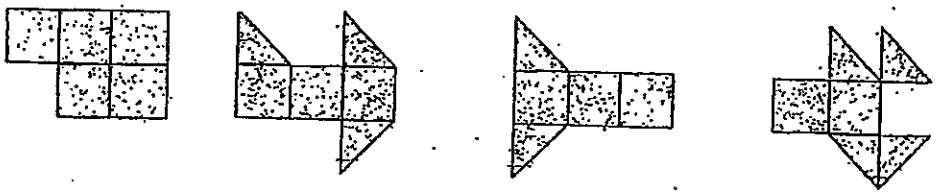
(Go to the next page)

What is the perimeter of the shaded figure below?




(1) 5 cm
(2) 9 cm
(3) 11 cm
(4) 12 cm

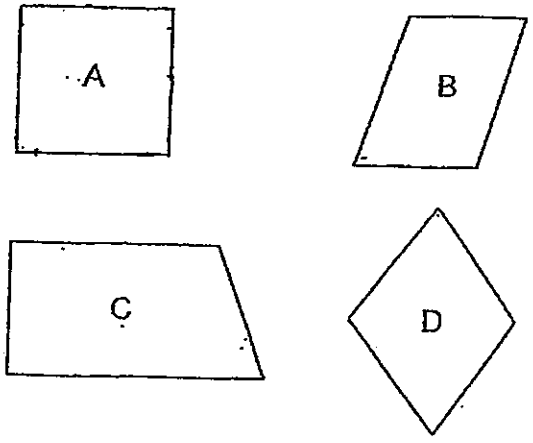
11 In the following figures, each square is 1 square unit.
Which of the following figures below have the same area?



A B C D

(1) A and B
(2) B and C
(3) B and D
(4) C and D

12 Which of the following figure contains 4 right angles and 2 pairs of parallel lines?




(1) A
(2) B
(3) C
(4) D

(Go to the next page)

13 Which of the following fractions is not equivalent to $\frac{2}{6}$?

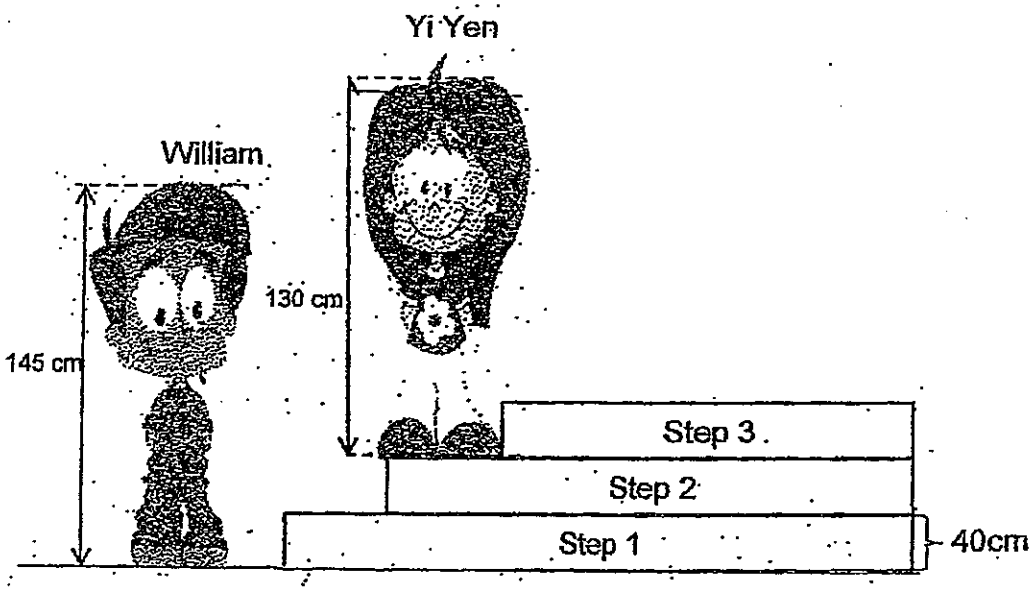
(1) $\frac{1}{3}$

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

(3) $\frac{3}{9}$

(4) $\frac{4}{12}$

14 William's height is 145 cm. Yi Yen's height is 130 cm.
Each step is 40cm high. How much taller is Yi Yen than William when Yi Yen is standing on Step 2?




(1) 15 cm
(2) 25 cm
(3) 55 cm
(4) 65 cm

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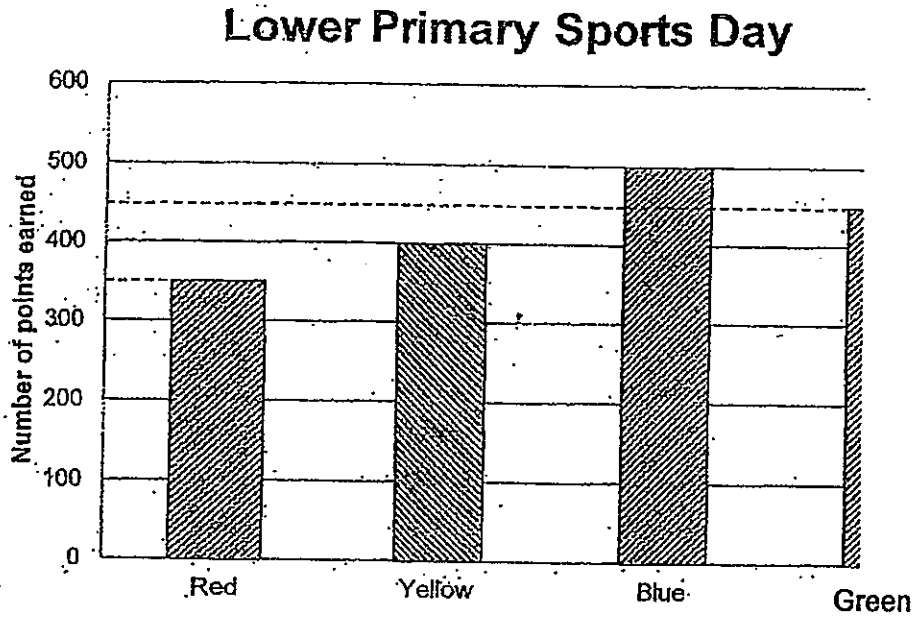
The bar graph below shows the number of points won by the different houses during Lower Primary Sports Day. Study the graph below and answer Questions 15 and 16.




15. Which of the houses won more than 350 points but less than 500

(1) Red and Green
(2) Red and Blue
(3) Yellow and Blue
(4) Yellow and Green

16 What is the total number of points won by the top 3 houses?

(1) 400
(2) 500
(3) 1 350
(4) 1 450

# METHODIST GIRLS' SCHOOL (PRIMARY)

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## END-OF-YEAR EXAMINATION 2013
## PRIMARY 3
## MATHEMATICS

(BOOKLET B)

Total Time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Shade your answers in the Optical Answer Sheet (OAS) Provided

Name: _____ (  )

Class: Primary 3_

Date: 8 October 2013

| | |
|---|---|
| **Booklet A** | / 32 |
| **Booklet B** | / 38 |
| **Booklet C** | / 20 |
| **TOTAL** | / 90 |

**This booklet consists of 7 printed pages including this page.**

section B
Questions 17 to 35 carry 2 marks each. Write your answers in the spaces provided or questions which require units, give your answers in the units stated. (38 marks)

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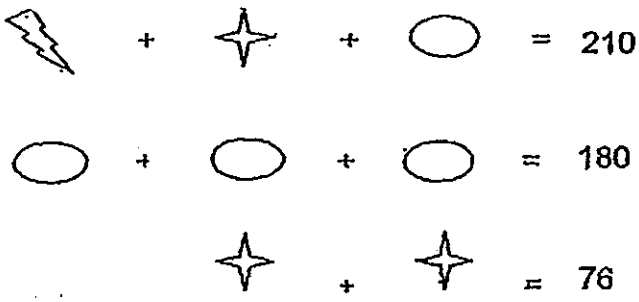
**17** How many tens are there in 4 700?

Ans: _____

**18** I am a 4-digit number. When I'm divided by 7, my quotient is 661 and my remainder is 2. What number am I?

Ans: _____

**19**




Find the value of

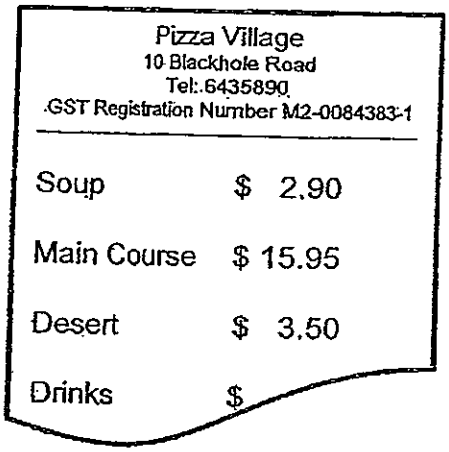
Ans: _____

**20** $70.50 - $34.75 = _____

Ans: $ _____

(Go on to the next page)

21 Look at the bill below



Pizza Village
10 Blackhole Road
Tel: 6435890
GST Registration Number M2-0084383-1

| | |
|---|---|
| Soup | $ 2.90 |
| Main Course | $ 15.95 |
| Desert | $ 3.50 |
| Drinks | $ |

Sue Ling spent $25.50 on her lunch. How much was her drink?

Ans: $_____

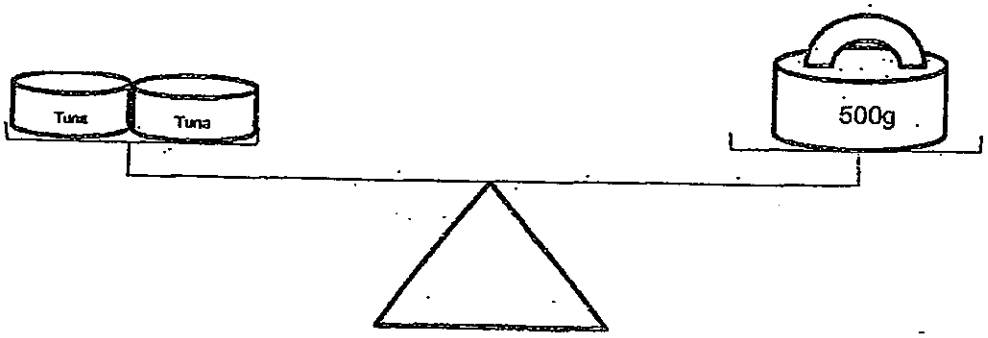
22 3 700m + 465m = _____ km _____ m.

Ans: _____km_____m

23 Rope A is thrice as long as Rope B. When 45 cm of Rope A was cut off, Rope B is 165 cm shorter than Rope A. What is the length of Rope B?

Ans: _____cm

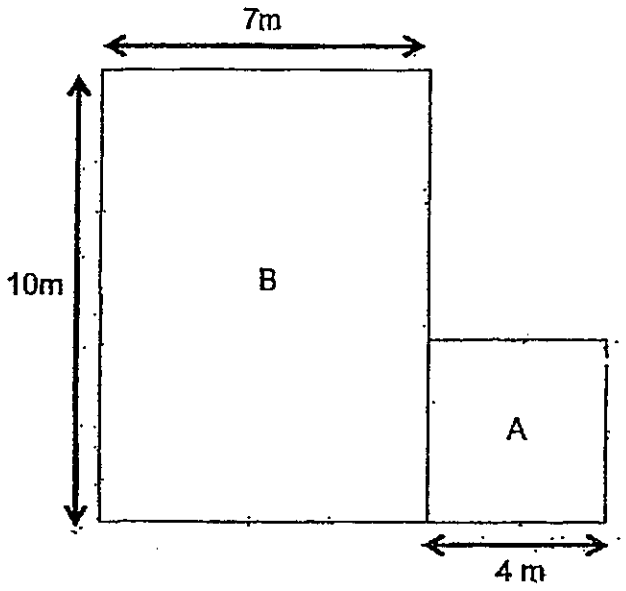
24 Study the diagram below.




Find the mass of **5** such tins of tuna.

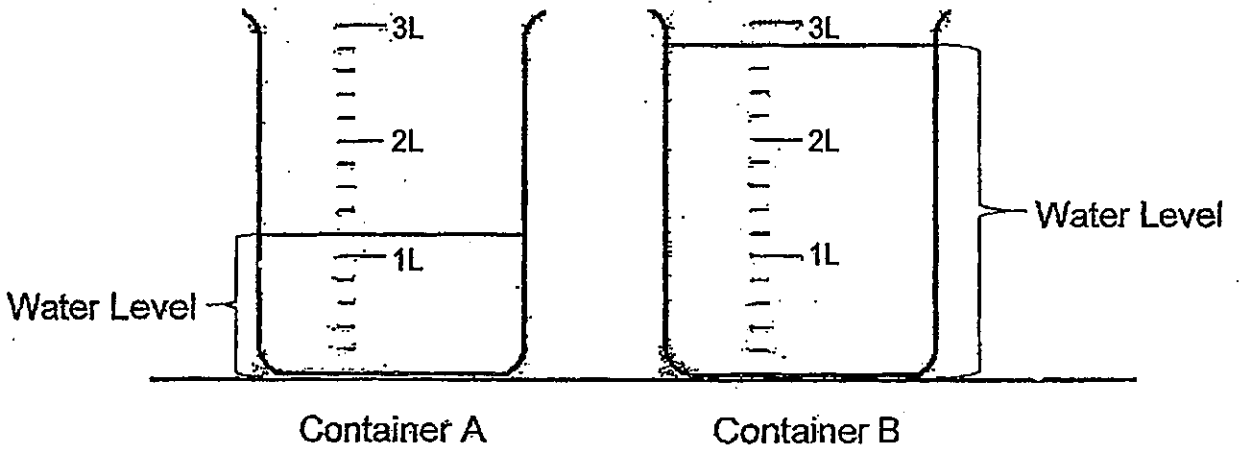
Ans: _____kg_____g

The figure below is made up of Square A and Rectangle B. Find the perimeter of the figure.




Ans: _____ m

26 Containers A and B contain some water. How much water must be poured from B into A so that the two containers will have the same amount of water?



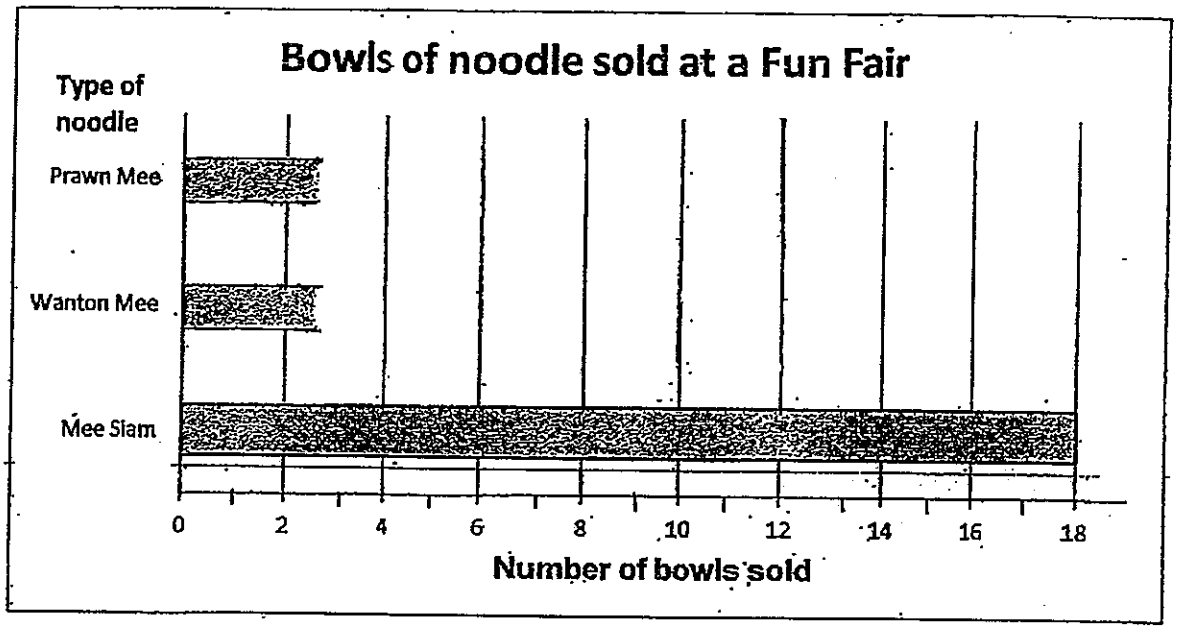

Ans: _____ mℓ

(Go on to the next page)

27 The graph below shows the number of bowls of noodle sold by Mr. Lim at a Fun Fair

| Type of Noodle | Number of bowls |
|---|---|
| Mee Siam | 18 |
| Wanton Mee | 9 |
| Prawn Mee | 12 |

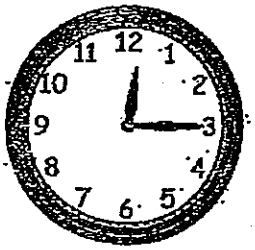
Complete the bar graph to show the number of bowls of the different types of noodle Mr. Lim sold.




28 Larry went to the school funfair at 8.30 a.m. He left at 12.10 p.m.
How long did he stay at the fun fair?

Ans: ____ h ____ min

29 The clock below shows the time on Tessie's watch. It is 40 minutes fast.
What is the actual time?




_____

(Go on to the next page)

30. $\frac{2}{3} = \frac{\square}{6}$. What is the missing number in the box?

Ans: _____

31 Arrange the following fractions in increasing order.

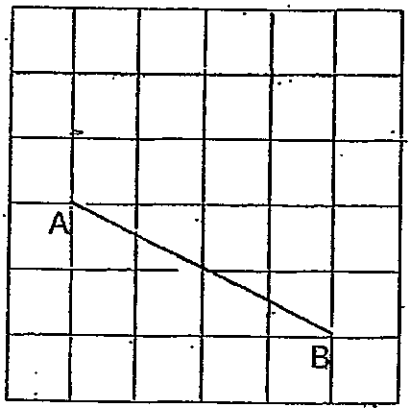
$$\frac{3}{6}, \frac{3}{8}, \frac{3}{4}$$

Ans: _____

32 Megan bought a pizza and divided it into 7 pieces. She ate a slice, gave 2 slices to her sister and gave the remaining slices to her friends. What fraction of the pizza did she give to her friends?

Ans: _____

33 Use a ruler to draw a line parallel to Line AB.

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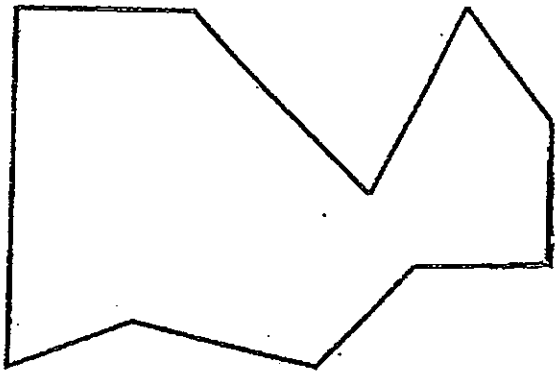
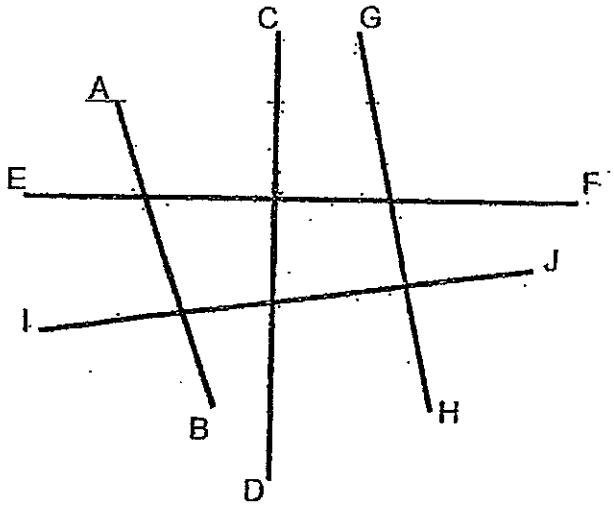
34 Mark all the right angles in the figure below.



35 Name a pair of perpendicular lines in the figure below.




Ans: _____

# METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

## END-OF-YEAR EXAMINATION 2013
## PRIMARY 3
## MATHEMATICS

(BOOKLET C)

Total Time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

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Name: _____ (  )

Class: Primary 3._____

Date: 8 October 2013

20

**This booklet consists of 6 printed pages including this page.**

**Section C**

For questions **36** to **40**, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (20 marks)

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**36** Baker Lim mixed 680g of flour and 225g of yeast. He used 45g of the mixture to bake a cake. He baked 9 similar cakes altogether. How much mixture was left?

Ans: _____ [4]

37 Jack and Jill spent a total of $256 at a shopping mall. Jack spent $104.70. How much more money did Jill spend than Jack?

Ans: _____ [4]

Davi took 1 h 25 minutes to complete her Mathematics homework. She took 40 minutes less to complete her English homework.

(a) What was the total time taken for Davi to complete her homework?
(b) If she started doing her homework at 4.50 p.m., what time did Davi complete her Mathematics homework?

Ans: (a) _____ [2]

(b) _____ [2]

39 Clara bought 1 m of cloth.

She used $\frac{1}{8}$ m to make a handkerchief.

$\frac{1}{4}$ m more cloth was used to make a pencil case than the handkerchief.

What fraction of the cloth had she left?

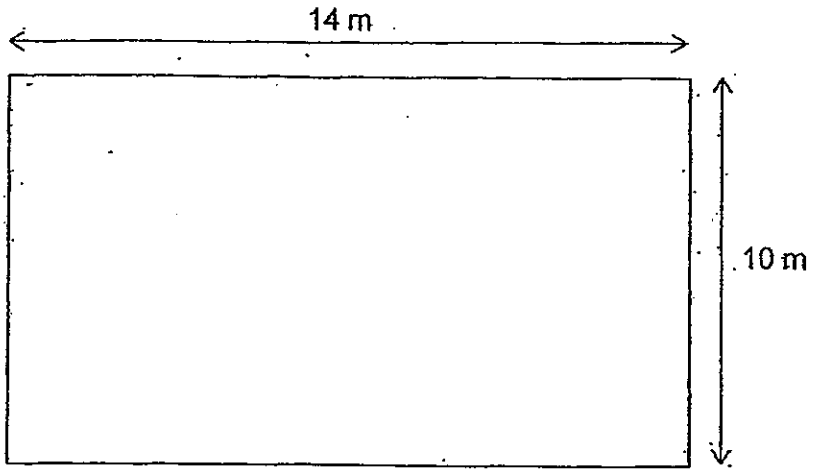
(Give your answer in the simplest form.)

Ans: _____ [4]

Mr Chan had a rectangular plot of land, 14 m by 10 m. He wanted to build a fence surrounding the land.

(a) What is the total length of fence needed to surround the land?

(b) If it cost \$9 to tile $1m^2$, how much will it cost to tile the whole plot of land?




Ans: (a) _____ [2]

(b) _____ [2]

–End of Paper–

# Answer Ke

**EXAM PAPER 2013**

**SCHOOL : METHODIST GIRLS` PRIMARY SCHOOL**
**LEVEL : PRIMARY 3**
**SUBJECT : MATH**
**TERM : SA2**

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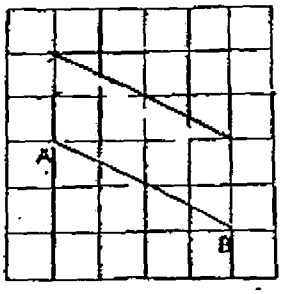
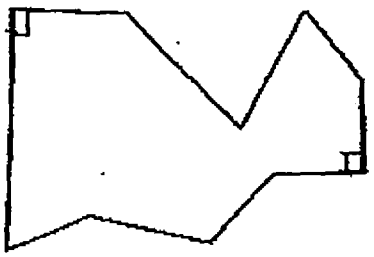
**Booklet A**

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

17.470
18.4629
19.112
20.35.75
21.3.15
22.4km165m
23.315cm
24.1kg250g
25.42m
26.800ml
27.
28.3h40min
29.1135
30.4




31.3/8, 3/6, ¾
32.4/7
33.
34.



35. CD and EF
36.680+225=905
45x9=405
905-405=500

37.256-104.70=151.3
151.3-104.70=46.6
38.1h25min---85min
85-40=45 min
1h25+45=2h10min
4.50+2h10min=7 p,
39.1-1/8=7/8
1/8+1/4=3/8
7/8-3/8=4/8=1/2
40a).14+14+10+10=48
b).14x10x9=1260