METHODIST GIRLS' SCHOOL
Founded in 1887

CONTINUAL ASSESSMENT 2014
PRIMARY 5
MATHEMATICS

PAPER 1
(BOOKLET A)

Total Time for Booklets A and B: 50 minutes

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.
The use of calculators is **NOT** allowed.

Name:_____( )

Class: Primary 5._____

Date :   4 March 2014

This booklet consists of 7 printed pages including this page.

1   In 8 352 917, the digit 3 is in the _____ place.

   (1)   hundreds

   (2)   thousands

   (3)   ten thousands

   (4)   hundred thousands

2   The price of a camera is $3 072. Round off the price to the nearest hundred dollars.

   (1) $3 000

   (2) $3 070

   (3) $3 100

   (4) $4 000

3    $110\,240 = 11 \times \boxed{} + 200 + 40$

   What is the missing number in the box?

   (1)   100

   (2)   1 000

   (3)   10 000

   (4)   100 000

4. How many sixths are there in $2\frac{1}{3}$?

(1) 7

(2) 2

(3) 13

(4) 14

5
$$2 - \frac{\boxed{}}{5} = \frac{4}{5}$$
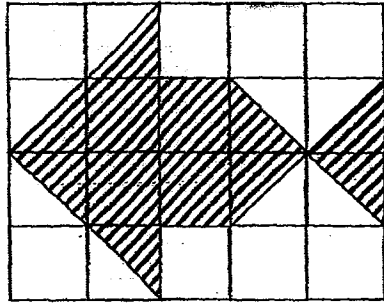What is the missing number in the box?

(1) 1

(2) 4

(3) 5

(4) 6

6 Express $4\frac{3}{8}$ as a decimal.

(1) 0.375

(2) 0.380

(3) 4.375

(4) 4.380

7   The figure below is made up of unit squares.
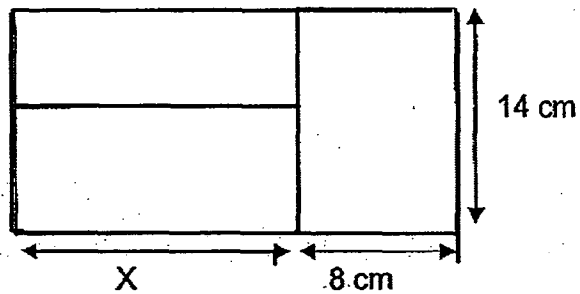

What fraction of the whole figure is **unshaded**?

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

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

(3) $\dfrac{3}{5}$

(4) $\dfrac{4}{5}$

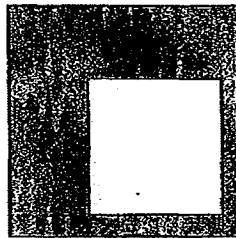**8** $$5\dfrac{5}{9} = 4 + \boxed{} + \dfrac{2}{3}$$

What is the missing fraction in the box?

(1) $\dfrac{1}{9}$

(2) $\dfrac{5}{9}$

(3) $\dfrac{8}{9}$

(4) $\dfrac{14}{9}$

9   The figure below is made up of three rectangles. It has a perimeter of 80 cm. What is the value of X?

14 cm

X   .8.cm

(1)   18 cm

(2)   29 cm

(3)   36 cm

(4)   58 cm

10   The figure is formed by 2 squares. The perimeter of the small square is 36 cm and the area of the shaded part is 90 cm². Find the area of the big square.

(1)   126 cm²

(2)   145 cm²

(3)   171 cm²

(4)   180 cm²

11 What is the value of $30 + 90 \div (65 - 35) \times 4$?

   (1)   1
   (2)   16
   (3)   42
   (4)   132

12 63 blue and white beads are packed into 9 packets. If there are 3 blue beads in each packet, how many white beads are there altogether?

   (1)   27
   (2)   36
   (3)   42
   (4)   60

13 A tart costs $2. A box of 6 tarts is sold at a special price of $9. If Sarah has $32, what is the maximum number of tarts she can buy?

   (1)   16
   (2)   18
   (3)   20
   (4)   23

14 Jane bought $3\frac{3}{5}$ m of ribbon. She used $1\frac{2}{3}$ m to tie a present. How many metres of ribbon had she left?

   (1) $\dfrac{14}{15}$

   (2) $1\dfrac{14}{15}$

   (3) $2\dfrac{1}{15}$

   (4) $2\dfrac{1}{2}$

15 Jane has 2 similar containers A and B. Container A is filled with $\frac{3}{4}$ litres of water and Container B is filled with $\frac{3}{12}$ litres of water. How much water must be poured from Container A into Container B so that the 2 containers have the same amount of water?

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

(2) $\frac{5}{12}$ litres

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

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

(Go on to Booklet B)

METHODIST GIRLS' SCHOOL
Founded in 1887

CONTINUAL ASSESSMENT 2014
PRIMARY 5
MATHEMATICS

PAPER 1
(BOOKLET B)

Total Time for Booklets A and B: 50 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of calculators is **NOT** allowed.

Name:_____ (   )

Class: Primary 5._____

Date :   4 March 2014

Paper 1 Booklet A	/ 20
Paper 1 Booklet B	/ 20
Paper 2	/ 40
TOTAL	/ 80

This booklet consists of 8 printed pages including this page.

Questions **16** to **25** carry 1 mark each. Questions **26** to **30** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

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16 Write two million, fifty-one thousand and nine in figures.

Ans: _____

17 The product of two numbers is 56 000. If one of the numbers is 700, what is the other number?

Ans: _____

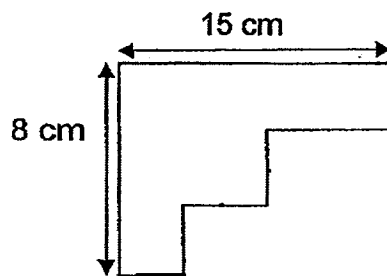**18** What is the value of the digit 2 in 3 258 147? Give your answer in figures.

Ans: _____

19 What is the greatest 6-digit even number smaller than 600 000 that can be formed with the digits 1, 0, 5, 6, 7, 8

Ans: _____

20 Find the perimeter of the figure below.

15 cm

8 cm

Ans:_____cm

21 The three letters below represent three different whole numbers. When two of these numbers are added at a time, the sums are 72, 84 and 96. If the smallest number is 30, what is the largest number?

| A | B | C |

Ans:_____

3

22

$$\frac{4}{6} = \frac{\Box}{15}$$

What is the missing number in the box?

Ans:_____

23 Find the sum of $5\frac{3}{4}$ and $2\frac{2}{7}$

Ans:_____

24 Alice bought $5\frac{1}{2}$ m of ribbon. She gave $\frac{3}{4}$ m of the ribbon to her friend. What was the length of the ribbon she had left ?

Ans: _____ m

25 2.6 − ⬚ =

What is the missing value in the box?

Ans: _____

Questions **26** to **30** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

26 Amy and Betty had 280 pens. After Amy bought 15 more pens, she had 4 times as many pens as Betty. How many pens did Amy have at first?

Ans:_____

27 Rosie had three times as many stickers as Vicky. After Rosie gave some of her stickers to Vicky, they had the same number of stickers. Vicky then bought another 20 stickers from a bookstore. She now has twice as many stickers as Rosie. How many more stickers did Rosie have than Vicky at first?
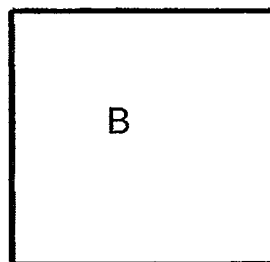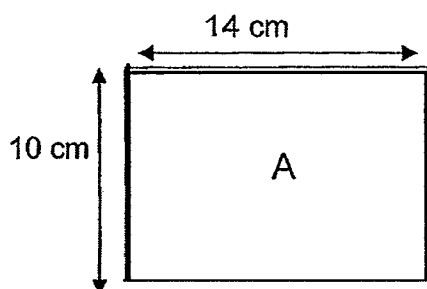
Ans:_____

28 Lilian drinks $4\frac{1}{3}$ litres of water per day. Wen Ling drinks $1\frac{1}{6}$ litres less water than Lilian per day. How many litres of water will they drink altogether in a day?
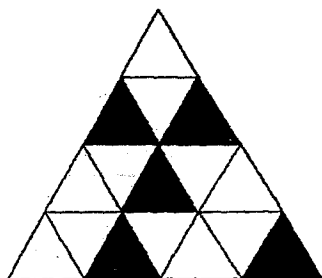
Ans:_____ *l*
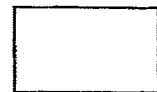
29 Two pieces of wire of the same length were used to form Rectangle A and Square B as shown below.
Find the area of Square B.

14 cm

10 cm

A

B

30 How many more triangles must be shaded so that $\frac{3}{8}$ of the figure is shaded?

Ans: _____

END OF PAPER

METHODIST GIRLS' SCHOOL

Founded in 1887

CONTINUAL ASSESSMENT 2014
PRIMARY 5

MATHEMATICS

PAPER 2

Total Time: 1 h 4̶0̶ 15 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
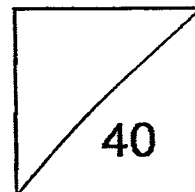Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.
The use of an approved calculator is expected, where appropriate.

Name:_____ (   )

Class: Primary 5._____

Date: 4 March 2014

/40

This booklet consists of 9 printed pages including this page.

Questions **1** to **3** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.   (6 marks)

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1   See the pattern below.

△□〇△□〇△□〇 ...79th
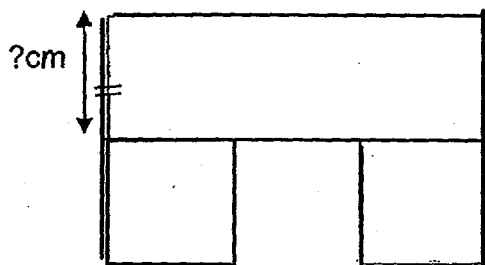
What is the 79ᵗʰ shape in the pattern?

Ans :_____

2   I am a 4-digit number.
The digit 9 is in the hundreds place.
The value of the digit 6 is 6000.
The digit 3 is in the ones place.
The sum of all my digits is 25.
What number am I?

Ans: _____

3   The figure is made up of 1 rectangle and 2 identical squares. The area
     of each square is 64 cm². What is the area of the figure?

?cm

Ans: _____ cm²

For questions **4** to **13**, 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.

(34 marks)

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4   The table shows the charges for the rental of bicycles.

First hour	$5.00
Every additional half hour or part thereof	$1.50

Nicole rented a bicycle from 8.30 am to 10.45 am. How much did she have to pay for the rental of the bicycle?

Ans: _____ [3]

5   Some nails are placed in a row at an equal distance apart from each other. The distance between the 1st and 5th nail is 200 cm. If the distance between the 1st and last nail is 800 cm, how many nails are there in the row altogether?

Ans:_____[3]

4

6   Stella saved $84 less than Jenny. After Stella donated $\frac{2}{5}$ of her money to charity and Jenny spent $\frac{2}{3}$ of her money, they had the same amount of money left. How much money did Jenny have at first?

Ans·_____[3]

7   Peter packed 56 kg of flour into 1 big bag and 7 small bags of the same size.

The big bag contained $\frac{5}{8}$ of the flour.

What was the mass of the flour in each small bag?

Ans:_____[3]

5

8   Siti read $\frac{1}{4}$ of a story book on Saturday and $\frac{5}{8}$ of it on Sunday.

If she had 6 more pages left to read, how many pages were there in the storybook?

Ans:_____[3]

9   Jane, Catherine and Tommy are cousins. Catherine is 5 years older than Jane. Tommy is twice as old as Jane. The sum of their ages is 41 years. How much older is Tommy than Catherine?

Ans:_____[3]

10   A community centre paid $25 272 for 9 computers and 6 notebooks. 3
     computers cost as much as 2 notebooks
     (a)   What was the cost of a computer?

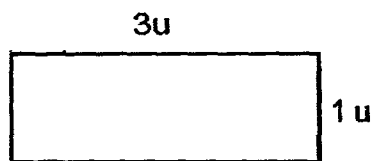   (b)   How much did he pay for 2 notebooks?

Ans:(a)_____[2]

(b)_____[2]

11 There are 4 times as many as 50-cent coins as 10-cent coins in a bag.
The total value of the coins is $63. How many coins are there
altogether?

Ans: _____ [4]

12 The perimeter of a rectangular pool is 168 m. Its breadth is $\frac{1}{3}$ of its
length. Mr Lim wants to tile the base of the pool at $30 per m².
How much must he pay altogether?

3u

1 u

Ans: _____ [4]

8

13   Bag A and Bag B had the same amount of rice at first. After 20kg of
     the rice in Bag A was used and 112 kg of rice was added to Bag B, the
     mass of the rice in Bag A was $\frac{1}{4}$ of the mass of rice in Bag B

(a)   How much rice did Bag B have in the end?

(b)   What was the total mass of rice in Bag A and Bag B at first?

Ans: (a)_____[2]

      (b)_____[2]

END OF PAPER

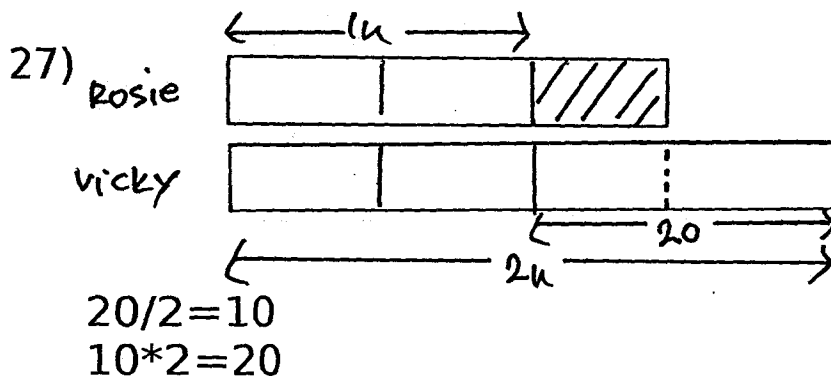Methodist Girls' School
Continual Assessment 2014
Primary 5
1) 4
2) 3
3) 3
4) 4
5) 4
6) 3
7) 3
8) 3
9) 4
10) 3
11) 3
12) 2
13) 3
14) 2
15) 1
16) 2051009
17) 80
18) 200 000
19) 587 610
20) 46 cm
21) 54
22) 10
23) 8/1/28
24) 4/3/4m
25) 1.1

26) 280+15=295
   295/5=59
   59*4=236
   236-15=221 pens

27) Rosie

   20/2=10
   10*2=20

28) 4/1/3-1/16=3/1/6
   4/1/3+3/1/6=7/1/2 litres

29) 14*2=28
   10*2=20
   28+20=48
   48/4=12
   12*12=144 sq cm

30) 3/8*16=6
   6-5=1 more triangle

Paper 2
1) 79/3=26 R1
   Multiples of 3 is a circle. Since 26 sets of 3 shapes give 78, ie
   Position 78 is a circle. Hence 79th shape is a triangle.
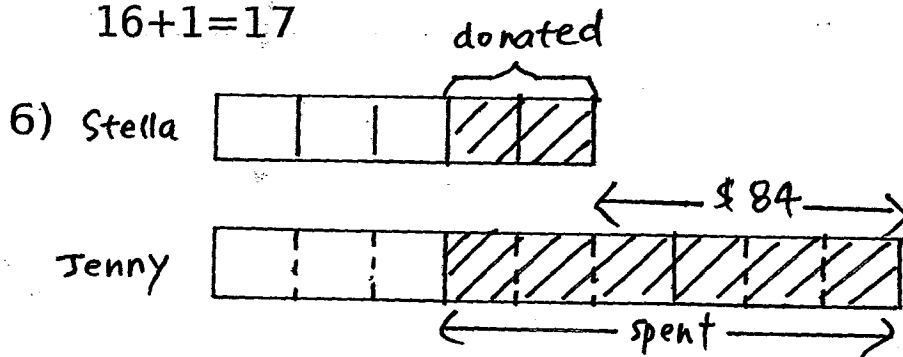
2) 9+6+3=18
   25-18=7
   Hence 6973

3) 64=8*8
   8*3=24 (length of rectangle)
   Area of rectangle=24*8=192 sq cm
   Total area=192+64+64=320 sq cm

4) 08 30 --> 10 45 is 2h 15min
   2h 15min - 1h=1h 15min
   1.50*3= 4.50
   4.50+5= $9.50

5) 200/4=50
   800/50=16
   16+1=17

6) Stella

   84/4=21
   21*9= $189

7) 56/8=7
   7*5=35
   56-35=21
   21/7=3 kg

8) 1/4+5/8=7/8
   8*6=48

9) 41-5=36
   36/4=9
   9-5=4 years older

10) 2 notebooks= 3 computers
    So 6 notebooks= 9 computers
    Hence, 18 computers cost $25 272

a) $25 272/18= $1404 (cost of 1 computer)
b)   3*1404=$4212 (cost of 2 notebooks)

11) 50c : 10c
     4 : 1
4*0.50=$2
$2+$0.10=$2.10
63/2.10= 30
4+1=5
5*30= 150 coins

12) 168/8=21
21*3=63
63*21=1323
1323*30= $39690

13)
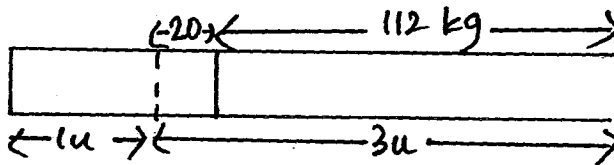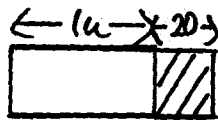
a) 112+20=132
132/3=44
44+132=176 kg
b) 44+20= 64
64*2= 128 kg