PRIMARY 4 MID-YEAR EXAMINATION 2013

Name : _____ (   )   Date: 17 May 2013

Class : Primary 4 (   )   Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____   Marks: _____ / 100

Paper 1 comprises 2 booklets, A and B.

MATHEMATICS

PAPER 1

(BOOKLET A)

Time for Paper 1 is **1 hour.**

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	20
Booklet B	40
Total for Paper 1	60

Paper 1 (Booklet A)

Multiple Choice Questions

Questions 1 to 10 carry 2 marks each. (20 marks)

For each question, four options are given. One of them is the correct answer.

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

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1. What is the **value** of 9 in 79 214?
    (1) 9
    (2) 90
    (3) 900
    (4) 9 000

2. 43 875 is _____ when rounded off to the nearest **hundred**.
    (1) 43 000
    (2) 43 800
    (3) 43 900
    (4) 44 000

3. In 5 429, what is the value of the digit in the tens place?
    (1) 20
    (2) 30
    (3) 40
    (4) 50

4. 9 is a factor of _____.
   (1) 24
   (2) 51
   (3) 64
   (4) 81

5. $\frac{1}{4}$ of a complete turn is _____.

   (1) 90°
   (2) 180°
   (3) 270°
   (4) 360°

6. 45 is a common multiple of _____.
   (1) 5 and 4
   (2) 5 and 7
   (3) 5 and 9
   (4) 5 and 10
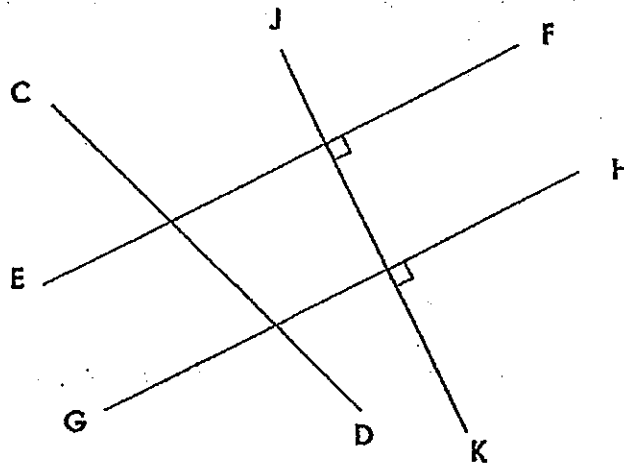
7. The perimeter of a square is 28 cm. What is its area?
   (1) 7 cm²
   (2) 14 cm²
   (3) 49 cm²
   (4) 196 cm²

8. The figure below is not drawn to scale.

Which pair of lines is parallel?

(1) CD and JK

(2) EF and GH

(3) EF and JK

(4) GH and JK

9.

Size	Cost per pizza	Quantity
Regular	$11	5
Large	$20	7

Alex bought 5 regular pizzas and 7 large pizzas.

How much change did Alex receive if he gave the pizza deliveryman $200?

(1) $5

(2) $9

(3) $195

(4) $220

10. Jared had 35 marbles left after giving $\frac{2}{7}$ of them to Bala.

How many marbles did he give to Bala?

    (1) 5
    (2) 7
    (3) 10
    (4) 14

End of Booklet A

4

Paper 1 (Booklet B)

Write your answers in the blanks provided. For questions which require units, give your answers in the units stated. Questions 11 to 30 carry 2 marks each. (40 marks)

11. Write 78 495 in words.

_____

_____

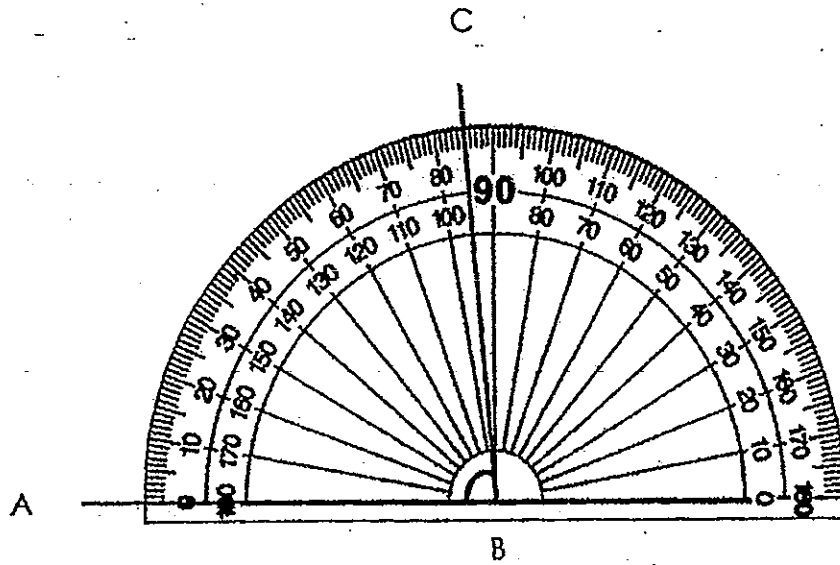12. Fill in the missing number.
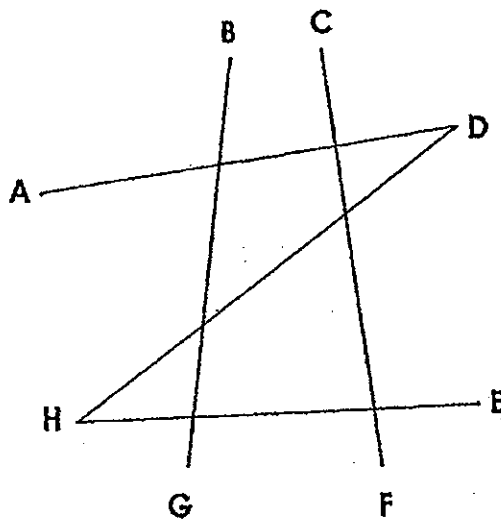
| 20 300 | 20 240 | ? | 20 120 | 20 060 |

13. Write down the first two common multiples of 4 and 6.

| and |

14. Find the size of the ∠ABC.

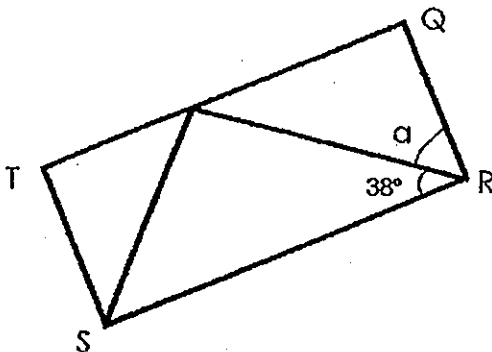15. Which line is perpendicular to CF?

6

16. What is the quotient when 744 is divided by 8?

17. In a chess club, $\frac{2}{5}$ of the pupils are boys and the rest are girls. There are

    15 girls in the club. Find the total number of pupils in the club.

18. The diagram below is not drawn to scale. QRST is a rectangle.

    Find ∠a.

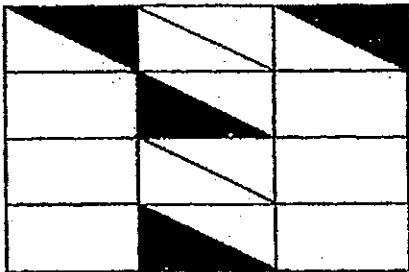19. 3 books and 2 pens cost $18. 1 pen costs $6. Find the cost of 1 book.

$\boxed{\$\qquad}$

20. $\stackrel{\wedge}{\star} + \stackrel{\wedge}{\star} + \stackrel{\wedge}{\star} = \square + \square$

If $\stackrel{\wedge}{\star}$ stands for 40, find the value of $\stackrel{\wedge}{\star} + \square$.

$\boxed{\qquad}$

21. What fraction of the figure below is shaded? Express your answer in its simplest form.

$\boxed{\qquad}$

The line graph shows the number of fruits consumed by Primary 4 students in Twinkle Primary School from January 2012 to May 2012. Study the graph and answer questions 22 and 23.

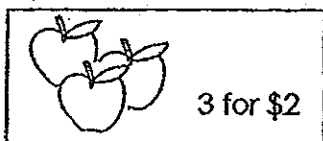**Numbers of Fruits consumed from January to May**
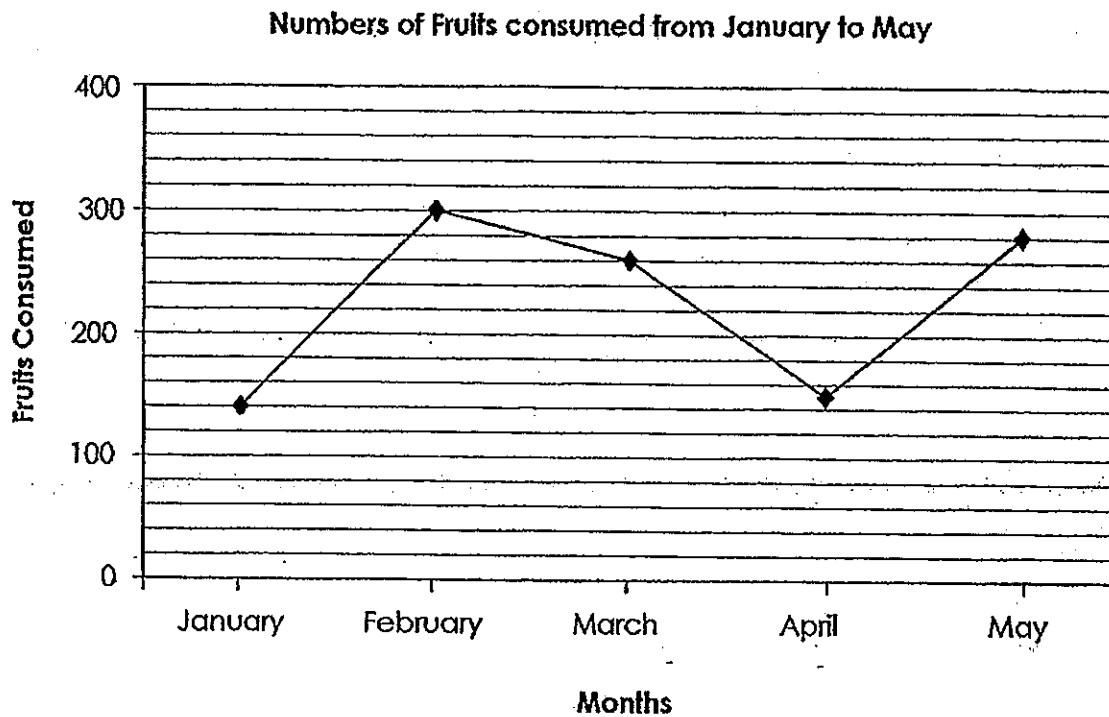
22. There was an increase of _____ fruits consumed from April to May.

23. Which 1-month interval showed the greatest decrease in the number of fruits consumed?

From_____ to_____

24. Convert $2\frac{4}{9}$ to an improper fraction.

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┌─────────────┐
│             │
│             │
└─────────────┘
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25.

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┌──────────────────────┐
│   🍎🍎🍎              │
│              3 for $2 │
└──────────────────────┘
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What is the maximum number of apples that Miss Lim can buy with $9?

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┌─────────────┐
│             │
│             │
└─────────────┘
```

26. A number is greater than 15 but smaller than 20.

It is divisible by 2 and 3. What is this number?

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┌─────────────┐
│             │
│             │
└─────────────┘
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27. Colin is standing at point X and facing North. He makes a $\frac{1}{4}$ turn in a clockwise direction, followed by a $\frac{3}{4}$ turn in an anti-clockwise direction. Which direction is he facing now?


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┌─────────────┐
│             │
│             │
└─────────────┘
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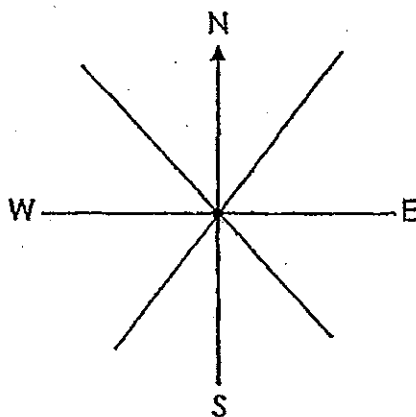
28. The figure is made up of 2 squares, ABJK and CDHJ, and a rectangle, EFGH. Find the perimeter of the figure.
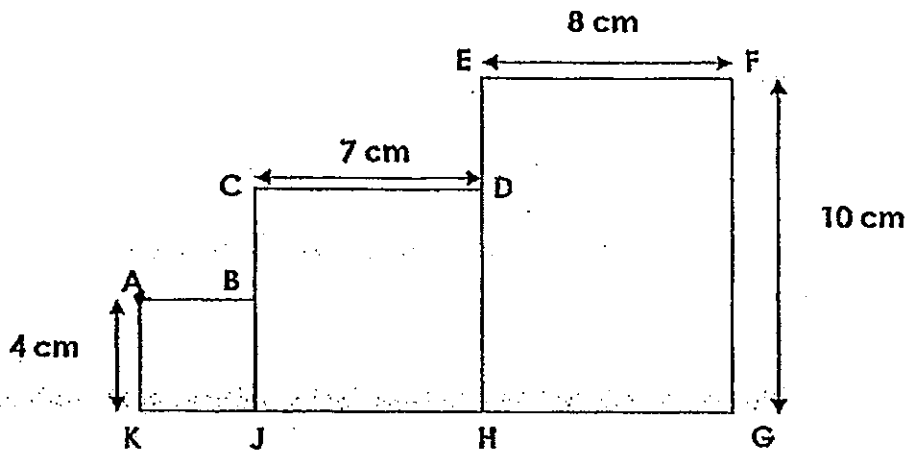
| | | cm |

29. Find the value of $\frac{2}{3}$ and $\frac{5}{6}$. Express your answer in its simplest form.

30. What is the missing number in the box?

$$
\begin{array}{r}
8 \ \square \ 7 \\
\times \qquad 6 \\
\hline
5 \ 1 \ 4 \ 2 \\
\hline
\end{array}
$$

PRIMARY 4 MID-YEAR EXAMINATION 2013

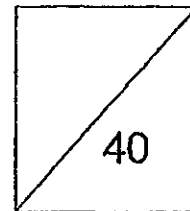Name : _____ (   )   Date: 17 May 2013

Class : Primary 4 (   )   Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____

MATHEMATICS

PAPER 2

40

Time for Paper 2 is **1 hour.**

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. Meili, Sally and Devi have 1700 stickers altogether. Both Sally and Devi have an equal number of stickers. Meili has 200 stickers more than what Sally has. How many stickers does Meili have?

Ans:

2. Amy : "I am 4 years old."

   Siti : "In 7 years' time, I shall be three times as old as you.

   How old is Siti now?

   Ans:_____

3. Mrs Lim baked twice as many cupcakes as Mrs Ong. After Mrs Lim gave 36 cupcakes to Mrs Ong, they had an equal number of cupcakes in the end. Find the number of cupcakes Mrs Lim had at first.

   Ans:_____

4. Poles A, B and C are measured. Pole A is twice as long as Pole B.
   Pole C is 3 times as long as Pole A. If Pole A is 32 cm, what is
   the total length of the three poles?

Ans:_____

5. For every $6 saved each week, I get another $2 from my parents.
   I have $512 in savings now.
   How many weeks do I take to save the money?

Ans:_____

6. Marcus has some marbles.

   If he gives each friend 6 marbles, he will have 4 marbles left.

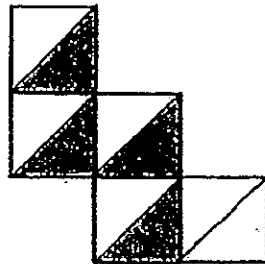   If he gives each friend 7 marbles, he will be short of 5 marbles.

   How many marbles does Marcus have?

   Ans: _____

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7. Jack had $152. Mary had $\frac{1}{2}$ as much as Jack. Rose had three

   times as much as Mary. How much did they have altogether?

   Ans: _____

8. The figure below is made up of 5 identical squares. The area of the shaded parts of the figure is 18 cm². Find the perimeter of the whole figure.

Ans:_____

9. John has a total of 40 apples and pears. If he exchanges every pear for 2 apples, he will have 56 apples. How many apples did he have at first?

Ans:_____

10. I spent $\frac{2}{9}$ of my money on a file and $\frac{4}{9}$ of my money on a storybook.

Then I had $15 left.

a) What fraction of my money was not spent?   (1 mark)

b) How much money did I have at first?   (3 marks)

Ans: a)_____

b)_____

End of Paper 2

ANSWER SHEET

EXAM PAPER 2013

SCHOOL : TAO NAN PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : SA1

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	1	4	1	3	3	2	1	4

11. Seventy-eight thousand, four hundred and ninety-five.
12. 20180
13. 12 and 24
14. 85degree
15. AD
16. 93
17. 25
18. 52degree
19. 2 dollars
20. 100
21. 1/6
22. 130
23. March to April
24. 22/9
25. 12
26. 18
27. South
28. 58
29. $1\frac{1}{2}$
30. 5

PAPER TWO:

1. 1700-200=1500
   1500÷3=500
   200+500=700
2. 4+7=11
   11X3=33
   33-7=26
3. 36x4=144
4. 32÷2=16
   32x4=128
   128+16=144 cm
5. 6+2=8
   512÷8=64
6. 58
7. 152÷2=76
   76x3=228
   228+76+152=456 dollars
8. 18÷2=9
   9=3x3
   12x3=36
9. 56-40=16
   40-16=24
10. a).3/9=1/3
    b) 15÷3=5
       5x9=45