Tao Nan School

Primary 3 Mathematics Mid-Year Examination 2011

Name: _____ (   ) Date: <u>13 May 2011</u>

Class: Pr 3 (   )   Time : <u>8.00 a.m. – 9.00 a.m.</u>

Parent's Signature: _____   Marks: _____/ **80**

Paper 1

Paper 1 comprises **Booklet A and Booklet B**.

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 the questions.

Booklet A	10
Booklet B	40
Paper 1	50

Paper 1 Booklet A (10 marks)

Questions 1 to 10 carry 1 mark 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 answer on the Optical Answer Sheet (OAS).**

1. In the number 4 389, the value of the digit '3' is _____.

    (1) 30
    (2) 300
    (3) 3
    (4) 3 000

2. Five thousand and fifty-five is the same as _____.

    (1) 5 000
    (2) 5 005
    (3) 5 055
    (4) 5 505

3. _____ is 2 000 less than 6 234.

    (1) 4 234
    (2) 5 034
    (3) 6 034
    (4) 8 234

4. Complete the following pattern.

    6560,   5460,   4360,   _____,   _____.

    (1) 3360, 2360
    (2) 3260, 2260
    (3) 3260, 2160
    (4) 3360, 2160

5. 6 + 6 + 6 + 6 + 6 is the same as _____.

    (1) 5 × 6
    (2) 6 + 6
    (3) 5 + 6
    (4) 6 × 6

6. | 3 489 | + | 1 279 | = | ? |

    (1) 3 616
    (2) 3 768
    (3) 4 658
    (4) 4 768

7. 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = 32 + _____

    (1) 32
    (2) 48
    (3) 56
    (4) 64

8. Divide 808 by 8. The quotient is _____.

    (1) 11
    (2) 101
    (3) 110
    (4) 111

9. What is the missing digit in the box?

$$\begin{array}{r} 4\ 3\ \square\ 4 \\ -\quad 6\ 9\ 5 \\ \hline 3\ 6\ 2\ 9 \end{array}$$

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

10. Study the pattern carefully.

6 → 12 → 48 → 288 → ?

The missing number is _____.

(1) 1 152
(2) 1 728
(3)(3) 2 304
(4) 2 880

End of Booklet A

4

Tao Nan School

Primary 3 Mathematics Mid-Year Examination 2011

Name: _____ (   )   Class: Pr 3 (   )

Paper 1   Booklet B

Each question carries 2 marks. Write your answers in the boxes provided.
Give your answers in the units stated.   (40 marks)

11.   Write 9 793 in words.

_____

_____

12. $152 \times 9 = 1000 +$ _____

Ans: [   ]

13.   How many **tens** must be added to 5 788 to make 8 888?

Ans: [   ]

14. In 9 075, the digit 9 stands for _____.

Ans: [_____]

15. Form the greatest 4-digit odd number with the following digits.

5,   9,   0,   8

Ans: [_____]

16. Write ten dollars and five cents in figures.

Ans: $ [_____]

17. 300 more than 24 is the same as [____] × 9

What is the missing number in the box?

Ans: [_____]

18. If ♥ x ♥ = 36, what is the value of ♥ + ♥ + ♥ ?

Ans: [_____]

19.

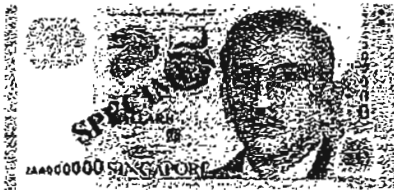| Toy	A	B	C	D
Cost	$7.50	$3.55	$2.75	$6.40

Billy bought two toys from a toy shop.
He spent a total of $10.25.
Which two toys did he buy?

Ans: [   ] and [   ]

20.   Sally bought a cake that cost $6.80.
She gave the cashier two five-dollar notes.
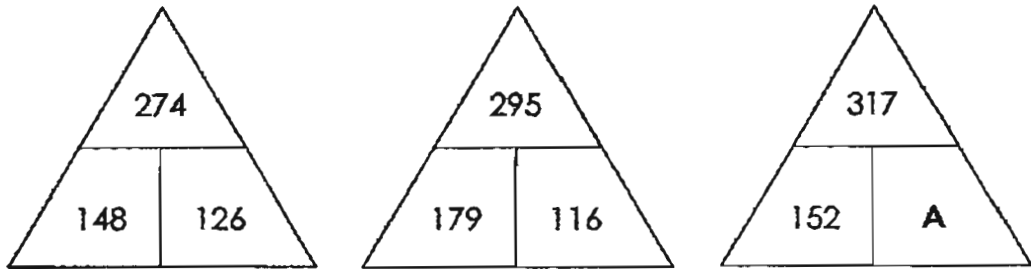How much change did she receive?

Ans: $ [   ]

21. Arrange the numbers from the smallest to the greatest.

| 8 247 | 4 872 | 8 472 | 7 842 |

Ans: [,   ,   ,   ]

22. In the diagram below, what is the value of **A**?

274
148 | 126

295
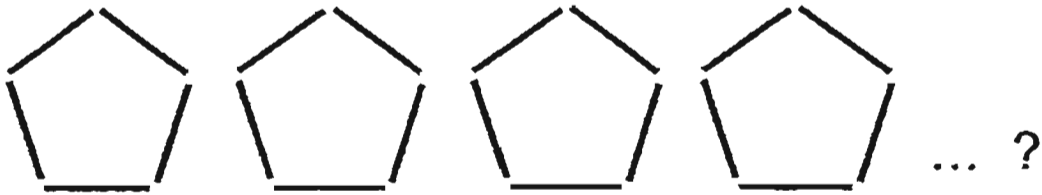179 | 116

317
152 | A

Ans: [   ]

23. The difference between two numbers is 12.
The bigger number is 20.
What is the **product** of the two numbers?

Ans: [   ]

24. Ming Lee used 5 straws to make each shape.
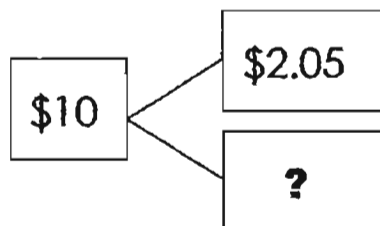How many such shapes did she make with 40 straws?

 ... ?

Ans: _____

25. There are 20 pupils in a class.   8 of them have 8 stickers each.
The remaining pupils have 6 stickers each.
How many stickers do the pupils have altogether?

Ans: _____

26. Fill in the missing amount to make $10.

Ans: $ _____

9

27. $\text{✿} \div 6 = 92$

$\text{🏆} - \text{✿} = 925$

The value of 🏆 is _____.

Ans: [   ]

28. A baker baked 516 tarts and packed them into boxes of 7.
What is the **least** number of boxes he will need to pack **all** the tarts?

Ans: [   ]

29. Find the remainder.

Ans: [   ]

30. Amy has 7 fifty-cent coins, 20 ten-cent coins and 9 five-cent coins. How much money does she have altogether?

Ans: $ [   ]

Tao Nan School

Primary 3 Mathematics Mid-Year Examination 2011

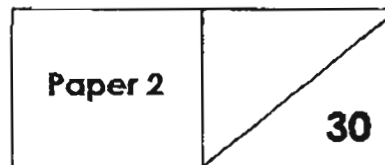## Paper 2

Name: _____ (   ) Date: 13 May 2011

Class: Pr 3 (   ) Time: 10.30 a.m. – 11.30 a.m.

Parent's Signature: _____

Paper 2	30

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 the questions.

Each question carries 3 marks. Show your working and statement clearly in the spaces provided.   (10 x 3m)

1. Jack sold a total of 285 apples and pears.
    He sold twice as many apples as pears.
    How many more apples than pears did he sell?

                                              Ans: _____

2. 7 buses of pupils went on a field trip one day.
    Each bus ferried 40 pupils **except** for one where there
    were only 29 pupils.
    How many pupils went on the field trip that day?

                                              Ans: _____

3. Mr Lee baked 195 buns on Saturday.
   He baked 82 fewer buns on Sunday.
   How many buns did Mr Lee bake on both days?
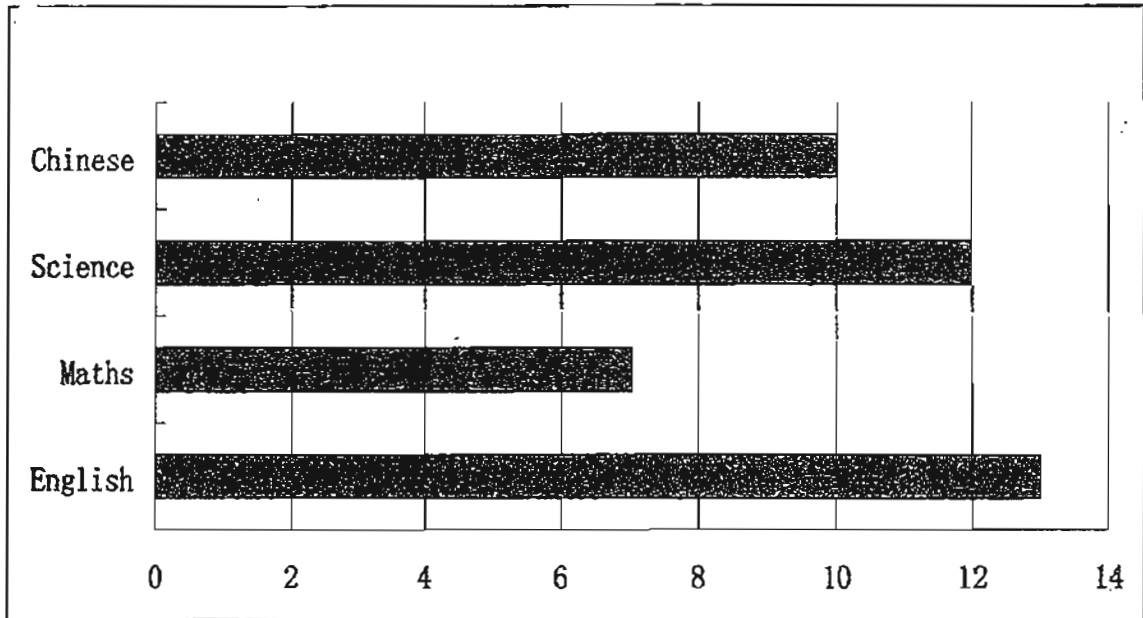

   Ans: _____

---

4. Marcus has 142 stickers.
   He has 56 fewer stickers than Nellie.
   How many stickers must Nellie give to Marcus so that
   the two of them will each have the same number of
   stickers?

   Ans: _____

---

5. The graph below shows the number of pupils in class who like a particular subject.

(a) How many more pupils prefer English to Maths?
(b) How many pupils are there in the class altogether?

(a)————————————————————————————

(b)————————————————————————————

Ans: (a)_____

(b)_____

6. Meiling had some money. She spent $40.50 on a skirt and $36.25 on a blouse. She had $65.75 left.
How much money did she have at first?

Ans: _____

---

7. 882 adults were watching a soccer match at a stadium.
There were 8 times as many men as women.
How many more men than women were there at the stadium?

Ans: _____

8. Rahimah bought 4 files and 3 staplers.
    Each file cost $0.50 more than a stapler.
    She paid $16 for all the items.
    How much did each stapler cost?

    Ans: _____

9. Ming Hao had twice as many stamps as Yiling.
    After Ming Hao sold 80 of his stamps, Yiling had 3 times as many
    stamps as him.   How many stamps did Ming Hao have at first?

    Ans: _____

10. The figures below are formed with matchsticks.
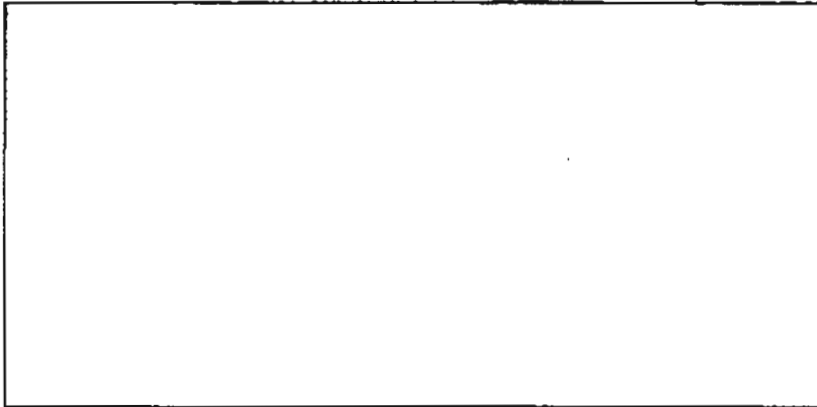Study the pattern carefully.

Figure 1   Figure 2   Figure 3   ... Figure 8

(a) Draw **Figure 5.** (1 mark)

(b) How many matchsticks are there in Figure 8?

Ans: (b)_____

End - of - Paper
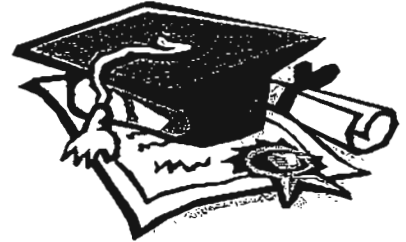
ANSWER SHEET

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

11) Nine thousand, seven hundred and ninety-three.   12) 368

13) 310   14) 9000   15) 9805   16) $10.05   17) 36

18) 18   19) A and C   20) $3.20   21) 4872, 7842, 8247, 8472

22) 165   23) 160   24) 8   25) 136   26) $7.95

27) 1477   28) 74   29) 1   30) $5.95

Paper 2

1) $285 \div 3 = 95$
   $95 \times 2 = 190$
   $190 - 15 = 175$
   He sold 175 more apples than pears.

2) $40 \times 6 = 240$
   $240 + 29 = 269$
   269 pupils went on the field trip that day.

3) $195 - 82 = 113$
   $113 = 195 = 308$
   Mr Lee baked 308 buns on both days.

4) $56 \div 2 = 28$
   Nillie must give 28 stickers to Marcus.

5) a) $13 - 7 = 6$
   6 pupils prefer English to Math.
   b) $10 + 12 + 7 + 13 = 42$
   42 pupils are in the class altogether.
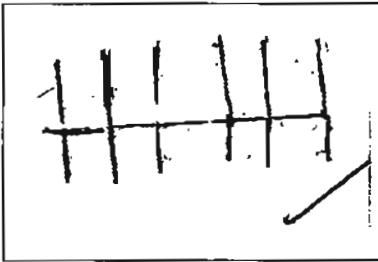
6) $40.50 + $36.25 + $65.75 = $142.50
   She had $142.50 at first.

7)$882 \div 9 = 98$
  $98 \times 8 = 784$

8)$\$16 - \$2 = \$14$
  $14 \div 7 = 2$
  Each stapler cost is $2.

9)$80 \div 5 = 16$
  $16 \times 6 = 96$
  Ming Hoa had 96 stamps at first.

10)a)

  b)$11 - 8 = 3$
    $17 + 3 = 20$
    $20 + 3 = 23$
    $23 + 3 = 26$
Figure 8 has 26 matchsticks.