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TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

PRIMARY 3 MID-YEAR EXAMINATION 2013

Name : _____ ( ) Date: 17 May 2013

Class : Primary 3 ( ) Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 80

MATHEMATICS

PAPER 1

(BOOKLETS A & 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 questions.

Booklet A	10
Booklet B	40
Total for Paper 1	50

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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 2 084, the digit '0' is in the _____ place.

   (1) ones

   (2) tens

   (3) hundreds

   (4) thousands

2. The sum of 7 thousands, 2 hundreds and 4 tens is _____.

   (1) 724

   (2) 7024

   (3) 7204

   (4) 7240

3. 60 less than 32 tens is _____.

   (1) 260

   (2) 380

   (3) 28

   (4) 92

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4. 5 x 6 = _____.

(1) 5 + 6

(2) 5 + 5 + 6 + 6

(3) 5 + 5 + 5 + 5 + 5 + 5

(4) 6 + 6 + 6 + 6 + 6 + 6

5. Complete the following pattern.

550, 1000, 1450, _____, 2350

(1) 1500

(2) 1900

(3) 1950

(4) 2000

6. 8 050¢ = $_____

(1) $8.05

(2) $8.50

(3) $80.50

(4) $805.00

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7.

$$9\overline{)\boxed{?}} \quad 64 \text{ R } 1$$

What is the missing number in the box?

(1) 585

(2) 577

(3) 576

(4) 567

8. Gregory bought a badminton racket for $224. He received $76 in change. How much did he give the cashier?

(1) $448

(2) $300

(3) $252

(4) $148

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9. What is the missing digit in the box?

$$\begin{array}{rrrr} & 2 & 7 & 1 \\ - & 1 & \square & 3 \\ \hline & 1 & 5 & 8 \\ \hline \end{array}$$

(1) 1

(2) 2

(3) 6

(4) 8

10. Grace baked 63 cookies. She put them equally onto 9 trays.

After giving away some trays of cookies, she has 42 cookies left. How many trays of cookies did she give away?

(1) 6

(2) 7

(3) 3

(4) 4

End of Booklet A

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Tao Nan School

Primary 3 Mathematics Mid-Year Examination 2013

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 9 292 in words.

12. Use the digits in the boxes below to form the **smallest 4-digit even** number. Each digit can be used **once only**.

0	2	3	5

Ans :

13. Find the difference between 5501 and 249.

Ans :

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14. 8 x 750 = _____ tens

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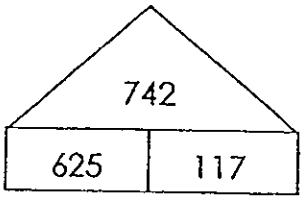
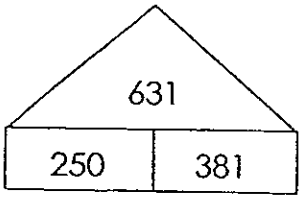
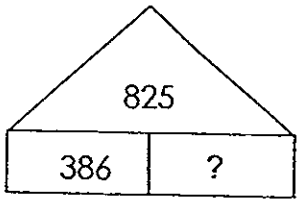
Ans : [tens]

15. What is the missing number in the diagram below?







Ans : [ ]

16. Find the remainder when 947 is divided by 6.

Ans : [ ]

17. Arrange the numbers below from the biggest to the smallest.

9723 7832 9328 8739

Ans : [ ]

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18. A shop sells 420 copies of magazines a day. It sells 3 times as many copies of newspapers as magazines. How many copies of newspapers and magazines are sold in a day?

Ans :

19. A total of 6 people can ride in a cable car. How many cable cars are needed for 118 people?

Ans :

20. $16 + 16 + 16 + 16 + 8 + 8 = \star \times 8$.

Find the value of $\star$.

Ans :

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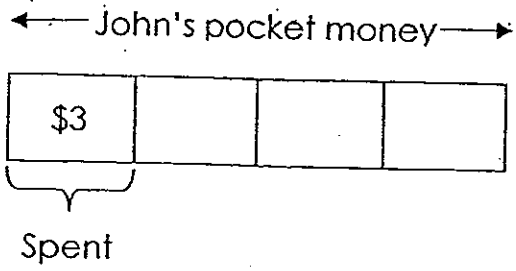
21.



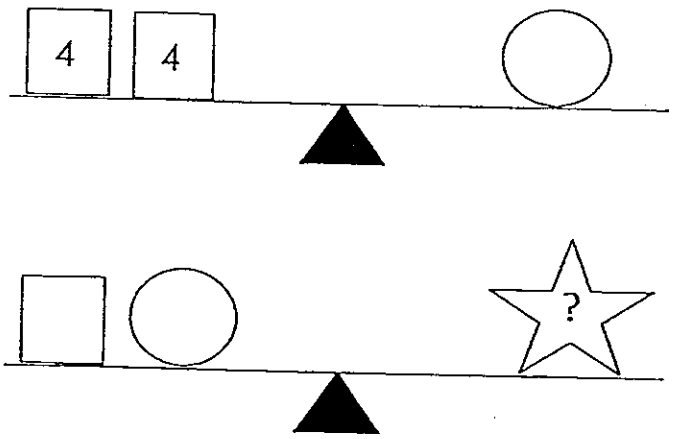
How much pocket money did John have at first?

Ans: $

22. 110 x 6 = 110 x 2 + 110 x _____.

Ans:

23.



Study the balance scales above.

Find the value of

Ans :

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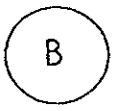
24. A total of 48 apples and oranges were placed equally in 4 baskets. There were 7 apples in each basket. How many oranges were there in each basket?

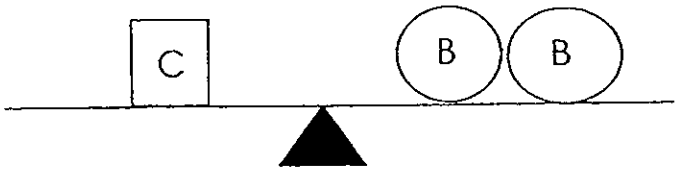
Ans : oranges

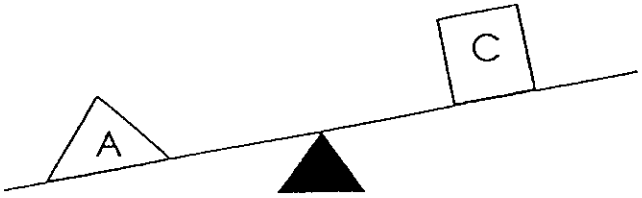
25.

, 

and

are objects.





Which is the lightest object?

Ans :

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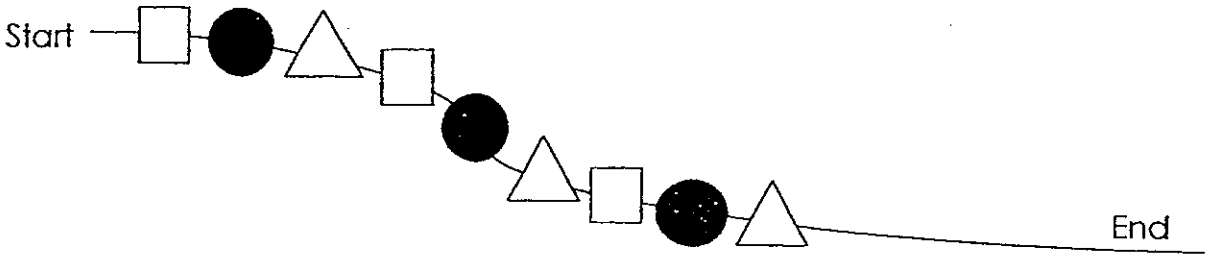
26. Mary strung 24 beads. Draw the shape that will be at the end.

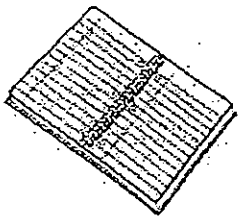


Ans :

27. James is 18 years old. His cousin is 12 years older. How old will his cousin be in 5 years' time?

Ans : years old

28.



Notebook ($0.50)

Balloon ($0.40)

Ice cream ($0.60)

Baozhen bought 2 different items with exactly $1. What did she buy?

Ans:

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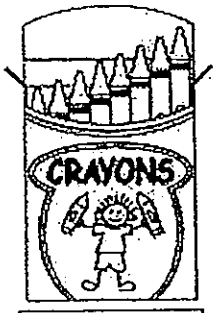
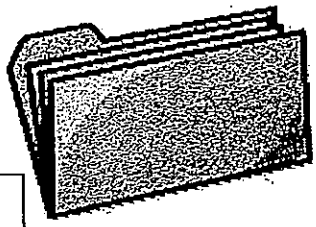
29. How many 50-cent coins are worth $4?

Ans : _____ 50-cent coins

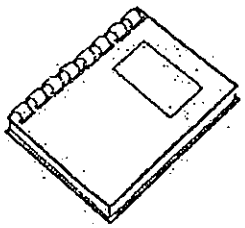
30.



1 Crayons
$13.95



1 File
$?



2 Books
$50
~~$25~~

Lisa bought two books, one box of crayons and a file. She gave the cashier 2 fifty-dollar notes. If she received $30 change, how much did the file cost?

Ans : _____

End of Booklet B

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TAO NAN SCHOOL 道南学校

SINCERITY & PERSEVERANCE

PRIMARY 3 MID-YEAR EXAMINATION 2013

Name : _____ ( ) Date: 17 May 2013

Class : Primary 3 ( ) Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____ Marks: _____ / 30

MATHEMATICS

PAPER 2

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.

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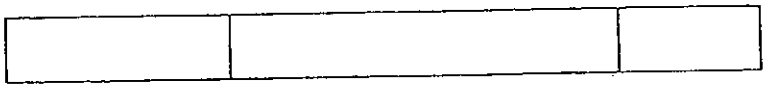
Paper 2 (30 marks)
Each question carries 3 marks.
Show all your working and statements clearly.

1. Joe has a collection of 620 stickers. Adam has 359 more stickers in his collection. How many stickers are there in Adam's collection?

Ans : _____

2. There were 10 000 seats in a stadium. During a World Cup match, 3790 seats were occupied by Australians and 5170 seats were occupied by Germans. The rest of the seats were occupied by Italians. How many seats were occupied by Italians?



Ans : _____

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3. Sharon bought 8 identical badminton rackets.

   4 rackets cost $372.

   How much did Sharon pay for the 8 rackets?

Ans : _____

4. Farm A has 8 times as many cows as Farm B.

   Both farms have 540 cows altogether.

   How many more cows does Farm A have than Farm B?

Ans : _____

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5. There are 12 peacocks and zebras in a wildlife reserve.

   A ranger counted that they had 30 legs altogether.

   How many peacocks and how many zebras are there?

   Ans : _____ peacocks and _____ zebras

6. Randall and Ali collected 96 bottle caps altogether.
   When Randall gave 16 bottle caps to Ali, they both had the same number of bottle caps. How many bottle caps did Randall have at first?

   Ans : _____

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7. A group of 48 visitors has to pay $96 altogether for a visit to an art museum. If the museum takes $4 off the group price for every 6 visitors, how much does the group have to pay?

Ans : _____

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8. The mass of 2 dogs and 3 cats is 35kg.
The mass of one dog is 2 times as much as the mass of one cat. Find the total mass of one dog and one cat.

Ans : _____

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9. A necklace costs twice as much as a bracelet. A pair of earrings costs $80 less than a bracelet. If the total cost of a necklace, a bracelet and a pair of earrings is $600, find the cost of the pair of earrings.

Ans : _____

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10.

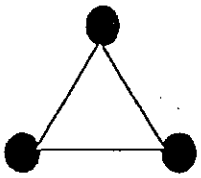

Figure 1

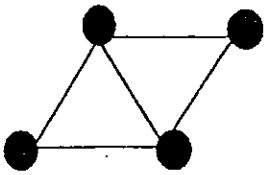

Figure 2

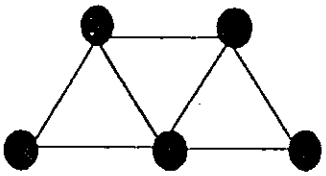

Figure 3

The figures above are made up of dots of equal size and lines of equal length. Study the pattern carefully and then answer the following questions.

a) How many lines are required to form Figure 5?

b) How many dots are required to form Figure 10?

Ans: a) _____

b) _____

End of Paper 2

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ANSWER SHEET

EXAM PAPER 2013
SCHOOL : TAO NAN SCHOOL
SUBJECT : PRIMARY 3 MATHS

TERM : SA1

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

Paper 1 Booklet B
Q11) Nine thousand, two hundred and ninety-two.
Q12) 2350
Q13) 5252
Q14) 600 tens
Q15) 439
Q16) 5
Q17) 9723, 9328, 8739, 7832
Q18) 1680 copies
Q19) 20
Q20) 10
Q21) $12
Q22) 4
Q23) 12
Q24) 5 oranges
Q25) B
Q26) Δ
Q27) 35 years old
Q28) Balloon and Ice cream
Q29) 8 50-cent coins
Q30) $6.05

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Paper 2

Q1) 620 + 359 = 979
There are 979 stickers in Adam's collection.

Q2) 3790 + 5170 = 8960
10000 – 8960 = 1040
1040 seats were occupied by Italians

Q3) $372 X 2 = $744
Sharon paid $744 for 8 rackets

Q4) 540 ÷ 9 = 60
60 X 8 = 480
480 – 60 = 420
Farm A had 420 more cows than Farm B

Q5)

Peacocks legs	Total no. of peacocks	Zebra legs	Total no. of zebras	Total no. of animals	Check
22	22 ÷ 2 = 11	8	8 ÷ 4 = 2	13	X
26	26 ÷ 2 = 13	4	4 ÷ 4 = 1	14	X
18	18 ÷ 2 = 9	12	12 ÷ 4 = 3	12	√

There are 9 peacocks and 3 zebras.

Q6) 96 ÷ 2 = 48
48 + 16 = 64
Randall had 64 bottle caps at first.

Q7) 48 ÷ 6 = 8
8 X $4 = $32
$96 - $32 = $64
The group had to pay $64.

Q8)

Dogs	Weight (Kg)	Cats	Weight (Kg)	Total	Check
2	2 x 8 = 16	3	3 x 4 = 12	28	X
2	2 x 12 = 24	3	3 x 6 = 18	42	X
2	2 x 10 = 20	3	3 x 5 = 15	35	√

10Kg + 5Kg = 15Kg
The total mass of 1 cat and one dog is 15Kg

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Q9)

Cost of Necklace	Cost of Bracelet	Cost of Earrings	Total	Check
$380	$190	$110	$680	X
$360	$180	$100	$640	X
$340	$170	$90	$600	√

The cost of the pair of earrings is $90.

Q10

a) 3+2+2+2+2=11

11 lines are required to form Figure 5

b)6+6=12

12 dots are required to form Figure 10

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