



## PRIMARY 3 MID-YEAR EXAMINATION 2012

Name : \_\_\_\_\_ (    ) Date: 11 May 2012

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 |

**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 ).**

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1. In 4 572, the digit '5' is in the \_\_\_\_\_ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

2. 7 028 is the same as \_\_\_\_\_.

- (1) 7 thousands 28 ones
- (2) 7 thousands 28 tens
- (3) 7 thousands 2 hundreds and 8 ones
- (4) 7 thousands 2 hundreds and 8 tens

3. 500 more than \_\_\_\_\_ is 3 045.

- (1) 2 045
- (2) 2 545
- (3) 3 095
- (4) 3 545

4.  $\$10 = \underline{\hspace{2cm}} \text{¢}$

(1) 10

(2) 100

(3) 1 000

(4) 10 000

5.  $7 + 7 + 7 + 7$  is the same as  $\underline{\hspace{2cm}}$

(1)  $4 \times 7$

(2)  $7 \times 7$

(3)  $7 + 4$

(4)  $7 + 14$

6. 36 marbles are divided equally into 6 groups.

How many marbles are there in each group?

(1) 6 marbles

(2) 2 marbles

(3) 3 marbles

(4) 9 marbles

7.

$$\begin{array}{r} 143 \text{ r } 2 \\ \boxed{3} \overline{) \boxed{?}} \end{array}$$

What is the missing number in the box ?

- (1) 148
- (2) 289
- (3) 431
- (4) 858

8.  $3\,309 + 1\,762 = \underline{\hspace{2cm}}$

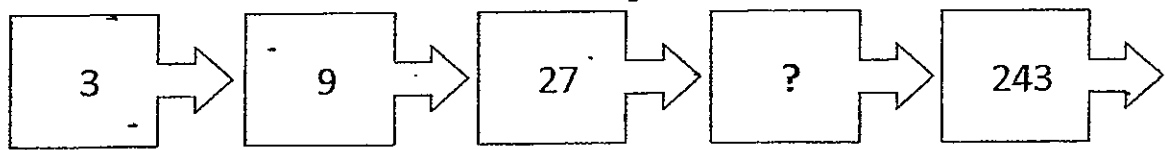
- (1) 1 547
- (2) 2 467
- (3) 4 061
- (4) 5 071

9. What is the missing digit in the box ?

$$\begin{array}{r} 4 \quad \boxed{?} \quad 8 \\ - \quad 2 \quad 5 \quad 9 \\ \hline 1 \quad 4 \quad 9 \end{array}$$

- (1) 1
- (2) 0
- (3) 5
- (4) 9

10. What is the missing number?



- (1) 33
- (2) 39
- (3) 61
- (4) 81

End of Booklet A

Tao Nan School

Primary 3 Mathematics Mid-Year Examination 2012

Name : \_\_\_\_\_

Class : Pr 3 \_\_\_\_\_

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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 6 482 in words.

12. Write 4 thousands , 15 hundreds , 7 ones as a numeral.

Ans :

13. Subtract 3 tens from the product of 65 and 4 ?

Ans :

14. Form the greatest 4-digit odd number using each of the digits.

Use each digit once only.

4 , 0 , 7 , 9

Ans :

15. The difference between two numbers is 180. If the bigger number is 500, find the smaller number.

Ans :

16. The quotient of 756 and 9 is \_\_\_\_\_.

Ans :

17. If  $\text{😊} \times \text{😊} = 49$ , what is the value of  $\text{😊} + \text{😊} + \text{😊}$  ?

Ans :

18. Peter can pack 4 cupcakes in a box. How many boxes are needed to pack 145 cupcakes ?

Ans :

 boxes

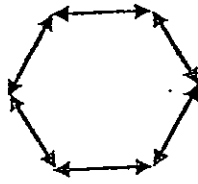
19. Mrs Tan jogged 2 540m and Mrs Lim jogged 460m more.  
How far did the two women jog altogether ?

Ans :

 m



20. Six ice cream sticks are needed to make the figure shown below.  
If Peter makes 8 such figures and has 3 ice cream sticks left, how many ice cream sticks does he have at first?



Ans :

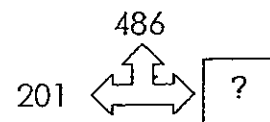
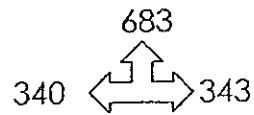
sticks

21. Tim has 72 coins. Mark has twice as many coins as Tim. How many coins do they have altogether?

Ans :

coins

22. In the number pattern below, what is the missing number?

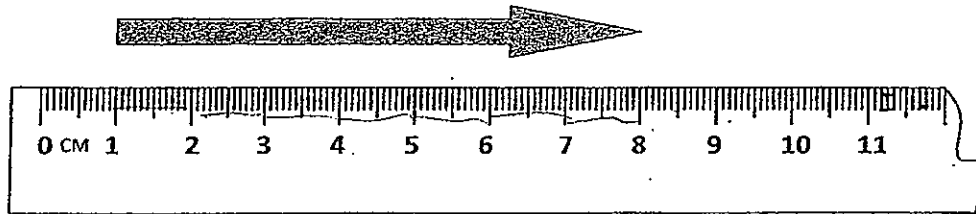


Ans :

23. After paying \$2 570 for a television, Mr Chong still had \$280 in his wallet.  
How much money did he have at first?

Ans :

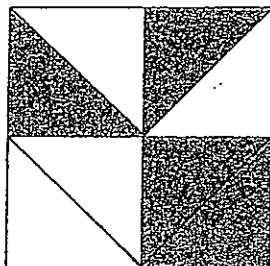
24. What is the length of the arrow?



Ans :

 cm

25. What fraction of the square is shaded?



Ans :

26. Study the number pattern. In which column will you find the number 72?  
(Example: Number 6 is in Column C)

| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |
|----------|----------|----------|----------|
| 1        | 2        | 3        | 4        |
| 8        | 7        | 6        | 5        |
| 9        | 10       | 11       | 12       |

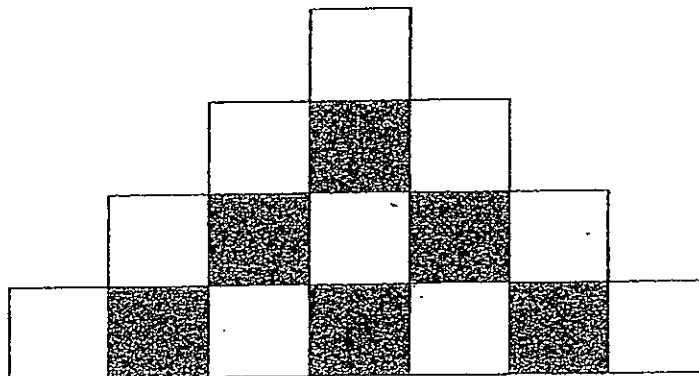
Ans :

27. 1<sup>st</sup> Layer

2<sup>nd</sup> Layer

3<sup>rd</sup> Layer

4<sup>th</sup> Layer



How many **black** squares are there in the 10<sup>th</sup> Layer?

Ans :

28. Susan has 7 coins in her purse. She has some ten-cent coins and twenty-cent coins. She has \$1.00 altogether.  
How many twenty-cent coins does Susan have ?

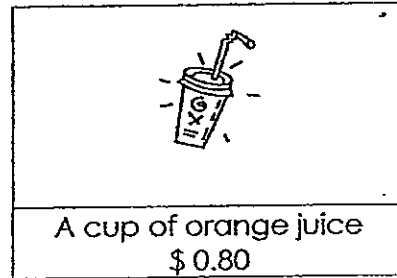
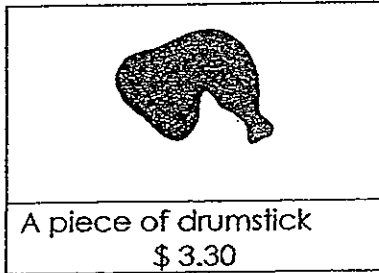
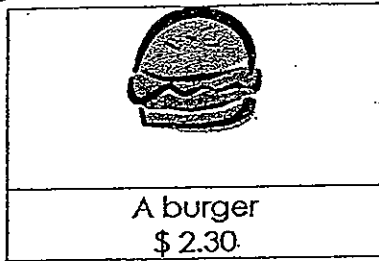
Ans :

twenty-cent coins

29. Mary has 3 fifty-cent coins, 15 ten-cent coins and 9 five-cent coins in her coin box. How much money does Mary have in her coin box ?

Ans :

30.



Sharon spent \$ 5.00 during recess on 2 different items .

Which **2 items** did she buy ?

Ans :

and

End of Booklet





**PRIMARY 3 MID-YEAR EXAMINATION 2012**

Name : \_\_\_\_\_ (    ) Date: 11 May 2012

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.

**Paper 2 ( 30 marks )**

**Each question carries 3 marks.**

**Show all your working and statements clearly.**

1. Peter saved \$350. James saved \$468 more than Peter.

How much money did James save ?

Ans : \_\_\_\_\_

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2. Mrs Wong sold 8 baskets of apples at \$15 each.

She also sold a basket of oranges at \$28.

How much money did Mrs Wong collect ?

Ans: \_\_\_\_\_

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3. Larry collects 6 times as many game cards as Bill.

They collect 630 game cards altogether.

How many game cards does Larry have?

Ans : \_\_\_\_\_

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4. Some motorcycles and cars are parked at a carpark.

John counted a total of 20 vehicles and 58 wheels.

How many cars and how many motorcycles are there ?

Ans : \_\_\_\_\_ and \_\_\_\_\_ motorcycles

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5. Mrs Lim baked 190 cookies and gave 8 cookies to each child.

How many cookies were left?

Ans: \_\_\_\_\_

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6. Robin has 4 times as many marbles as Sam.

After Sam buys another 105 marbles, he has twice as many marbles as Robin. How many marbles does Robin have?

Ans: \_\_\_\_\_

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7. A total of 4130 visitors visited an exhibition over the weekend.

There were 1980 more visitors on Sunday than on Saturday.

How many visitors visited the exhibition on Saturday?

Ans : \_\_\_\_\_

8. Justin and Tom have 450 toy cars altogether.

Justin has 5 times as many toy cars as Tom.

How many more toy cars does Justin have than Tom?

Ans : \_\_\_\_\_

(3)

- 9. Mr Lee bought a washing machine, a dryer and a television for \$1510.

The washing machine cost \$147 more than the dryer but \$280 less than the television. How much did the dryer cost ?

Ans : \_\_\_\_\_

10. Susan has 450 stickers and Jane has 314 stickers.

How many stickers must Susan give to Jane so that each of them has the same number of stickers ?

Ans : \_\_\_\_\_

# ANSWER SHEET

**EXAM PAPER 2012**

**SCHOOL : TAO NAN PRIMARY SCHOOL**

**SUBJECT : PRIMARY 3 - MATHEMATICS**

**TERM : SA 1**

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**Booklet A**

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

**Booklet B**

11. Six thousand, four hundred and eighty-two.
12. 5507
13. 230
14. 9407
15. 320
16. 84
17. 21
18. 37 boxes
19. 5540 m
20. 51 sticks
21. 216 coins
22. 285
23. \$2850
24. 7cm

25.  $\frac{2}{4}$

26. Column A

27. 9

28. 3 twenty-cent coins

29. \$3.45

30. A piece of drumstick and a packet of fries.

**PAPER 2**

1.  $350 + 468 = 818$

James saved \$818.

2.  $15 \times 8 = 120$

$120 + 28 = 148$

Mrs Wong collected \$148.

3.  $630 \div 7 = 90$

$90 \times 6 = 540$

Larry has 540 game cards.

4.  $11 \times 2 = 22$

$9 \times 4 = 36$

$36 + 22 = 58$

There are 9 cars and 11 motorcycles.

5.  $190 \div 8 = 23R6$

There were 6 cookies left.

6.  $105 \div 7 = 15$

$15 \times 4 = 60$

Robin has 60 marbles.

7.  $4130 - 1980 = 2150$

$2150 \div 2 = 1075$

1075 visitors visited the exhibition on Saturday.

**EXAM PAPER 2012**

**SCHOOL : TAO NAN PRIMARY SCHOOL**

**SUBJECT : PRIMARY 3 - MATHEMATICS**

**TERM : SA 1**

8.  $450 \div 6 = 75$

$$5 - 1 = 4$$

$$4 \times 75 = 300$$

Justin has 300 more toy cars than Tom.

9.  $147 + 147 = 294$

$$294 + 280 = 574$$

$$1510 - 574 = 936$$

$$936 \div 3 = 312$$

The dryer cost \$312.

10.  $450 - 314 = 136$

$$136 \div 2 = 68$$

Susan must give 68 stickers to Jane so that each of them has the same number of stickers.

