

**Tao Nan School**

**Primary 3 Mathematics End-of-Year Examination 2009**

Name: \_\_\_\_\_ ( )      Date: 28 October 2009

Class: Primary 3 ( )      Time: 8.00 a.m. – 9.30 a.m.

Parent's Signature: \_\_\_\_\_      Marks: \_\_\_\_\_ / 80

---

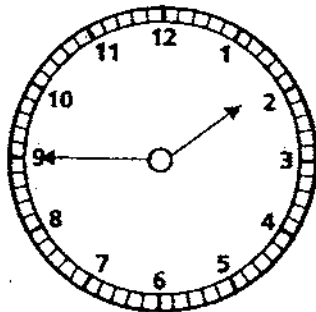
**Section A (10 marks)**

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 oval on the Optical Answer Sheet (OAS).

1. In 4870, the value of the digit '7' is \_\_\_\_\_.

- (1) 7
- (2) 70
- (3) 700
- (4) 7000

2. The time shown on the clock is \_\_\_\_\_.



- (1) 15 minutes to 1
- (2) 15 minutes past 1
- (3) 15 minutes to 2
- (4) 15 minutes past 2

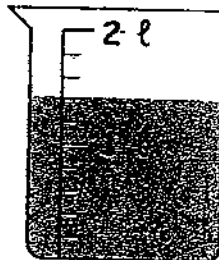
3.  $8459 = 8000 + \underline{\hspace{2cm}} + 9$

- (1) 405
- (2) 450
- (3) 4050
- (4) 4500

4.  $4 \text{ km } 40 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

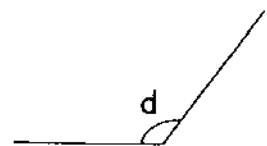
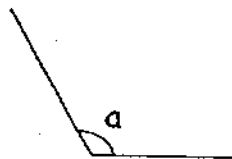
- (1) 440 m
- (2) 4004 m
- (3) 4040 m
- (4) 4400 m

5. How much more water is needed to fill up the container to the 2 litre mark?



- (1) 200 ml
- (2) 300 ml
- (3) 400 ml
- (4) 600 ml

6. Which one of the following angles is less than  $90^\circ$ ?



- (1)  $\angle a$
- (2)  $\angle b$
- (3)  $\angle c$
- (4)  $\angle d$

7.  $\frac{6}{8}$  is equivalent to \_\_\_\_\_.

(1)  $\frac{8}{16}$

(2)  $\frac{9}{16}$

(3)  $\frac{12}{16}$

(4)  $\frac{14}{16}$

8. Look at the movie ticket below.  
How long was the movie?

<p>GV Cinema presents "Wall-E" Date: 12 September 2008 Time: 1.45pm to 3.15pm</p>
---

- (1) 1h 5 mins
- (2) 1h 30 mins
- (3) 2h 15 mins
- (4) 3h 10 mins

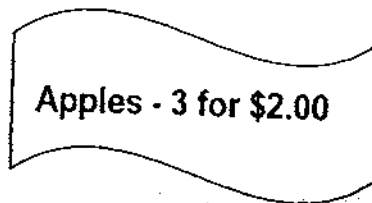
9.  $\clubsuit \times 5 = \text{☺}$

$7 \times \text{☺} = 420$

What does  $\clubsuit$  stand for?

- (1) 12
- (2) 56
- (3) 84
- (4) 96

10.



Mrs Tan paid the fruit-seller \$10 for some apples.  
She got back \$2 change. How many apples did she buy?

- (1) 6
- (2) 8
- (3) 12
- (4) 15

Name: \_\_\_\_\_ ( )

Class: Primary 3 ( )



**Section B (40 marks)**

Each question carries 2 marks. Write your answers in the boxes provided.

11.  $6350 = \underline{\hspace{2cm}} - 350$

Ans:

12. The largest **even** number that can be formed from the given digits is \_\_\_\_\_.

4, 1, 9, 0.

Ans:

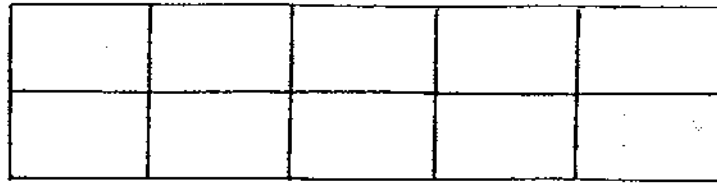
13. Divide 309 by 9. The remainder is \_\_\_\_\_.


Ans:

14. Mdm Goh attended a monthly cooking class which consisted of 10 lessons. The last lesson ended on 15 December 2008. In which **month** did she start her class?

Ans:


15. Shade the correct number of rectangles to show  $\frac{4}{5}$ .



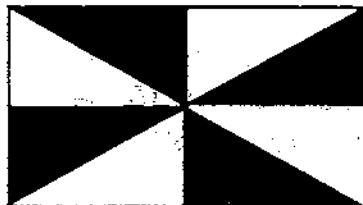
Ans: 

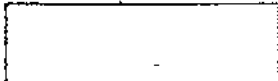
16. Arrange the following fractions beginning with the smallest in value.

$$\frac{5}{12}, \frac{5}{9}, \frac{5}{6}, \frac{5}{7}$$

Ans: 

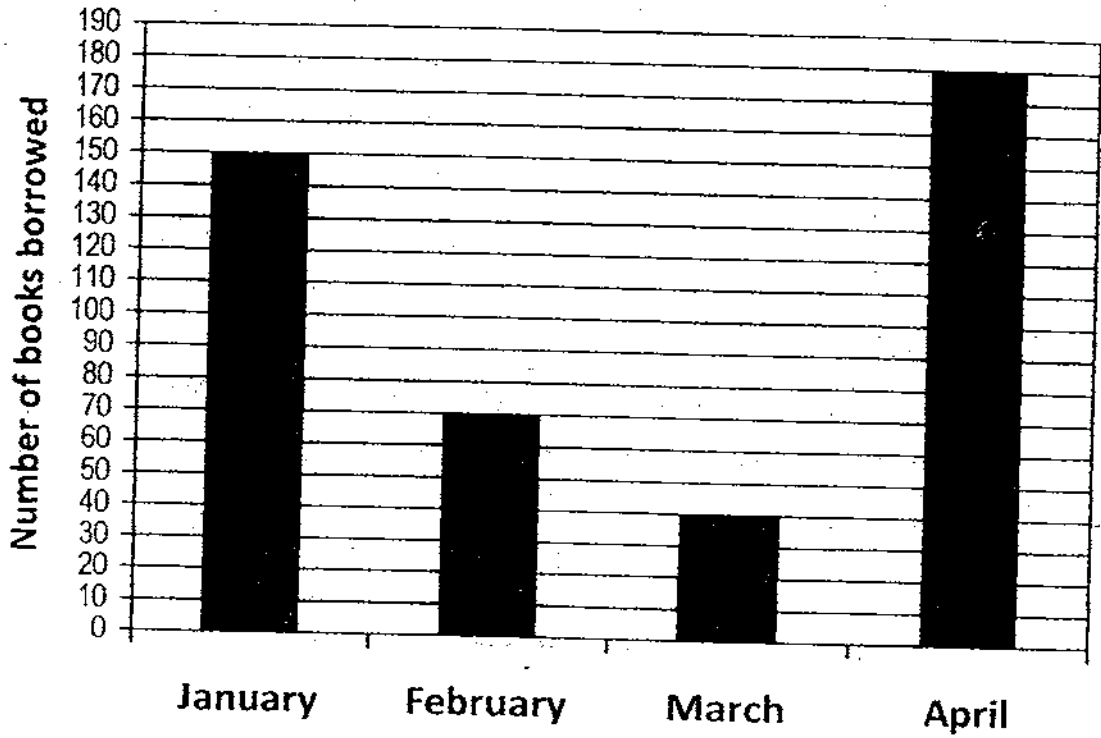
17. Janet shaded the rectangle.  
What fraction of it is unshaded?  
Give your answer in the **simplest form**.



Ans: 

Use the bar graph below to answer questions 18 to 19.

The bar graph below shows the number of books borrowed from the school library in the first 4 months of this year.



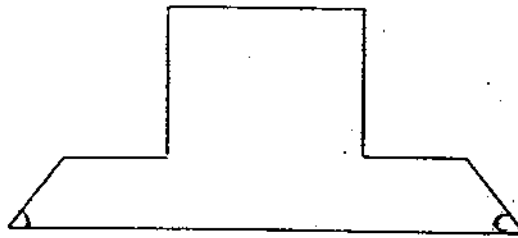
18. The total number of books borrowed in January and February was \_\_\_\_\_.

Ans:

19. 70 more books were borrowed in April than in \_\_\_\_\_ and \_\_\_\_\_.

Ans:

20. Study the figure below. How many angles in the figure are smaller than a right angle?



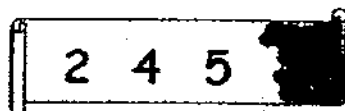
Ans:

21. Use the digits 3, 2 and 6 to form a number that will give the product below. Use each number **once** only in the boxes provided.



$$\begin{array}{r}
 \square \square \square \\
 \times \qquad \qquad \qquad 2 \\
 \hline
 6 \quad 5 \quad 2 \\
 \hline
 \end{array}$$

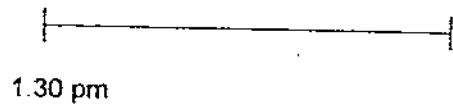
22. The number below has 4-digits. However, the last digit has been covered by spill ink. If the number can be divided equally by 2 and 5, what is the missing **digit**?



Ans:

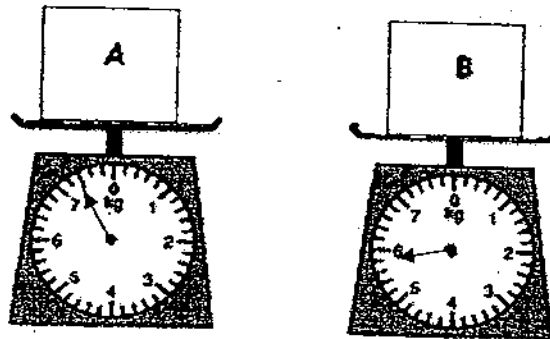


23. Mrs Lim watched a movie that lasted 2h 15mins.  
It started at 1.30 p.m. What time did the movie end?



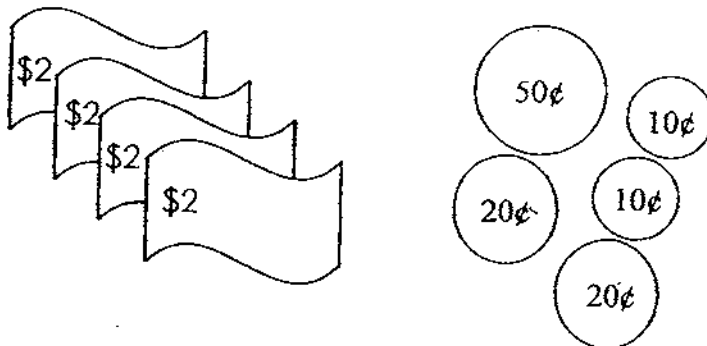
Ans:

24. The total mass of A and B is \_\_\_\_\_.



Ans:  kg  g

25. The amount of money is \$\_\_\_\_\_.



Ans: \$

26. Joel has 8 coins that add up to \$3.40. Some are 50¢ coins and the rest are 20¢ coins. How many 50¢ coins does Joel have?

Ans:

27.

Container	Capacity
Jar	825 ml
Pail	8 l 20 ml
Cup	100 ml
Bottle	300 ml

The total capacity of the largest container and the smallest container is \_\_\_\_\_.

Ans:

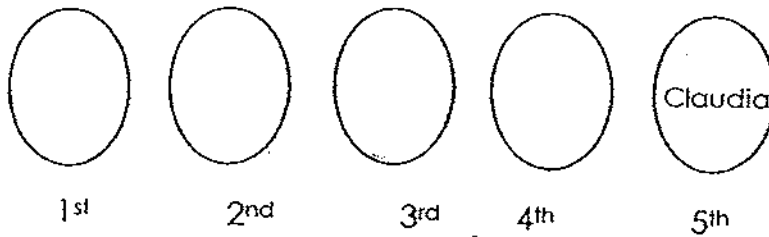
28. I have ten 50-cent coins and ten 20-cent coins.  
I can exchange them for \_\_\_\_\_ one-dollar coins.

Ans:

29. Study the number pattern below carefully.  
Complete the pattern.

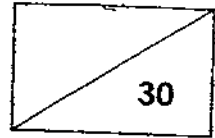
10	19		40	52	65	79
----	----	--	----	----	----	----

30. David, Meryl, Claudia, Amos and Elizabeth sat in a row. Claudia sat in the fifth seat. Only Elizabeth sat between Meryl and Amos. David did not sit in the first seat. Which seat did Elizabeth sit in?



Ans:

Name: \_\_\_\_\_ ( )  
Class: P3 ( )



**Section C (30 marks)**

For each of the following word problems, show all your working clearly and write your answers in the spaces provided.

31. During a race, Mr Lim swam 720 m, cycled for 2000 m and jogged for 800 m.  
What was the total distance he covered?

Answer: \_\_\_\_\_

32. Helen baked 200 cookies.  
Her family ate 55 of them and she gave 48 to her neighbours.  
How many cookies had she left?

Answer: \_\_\_\_\_

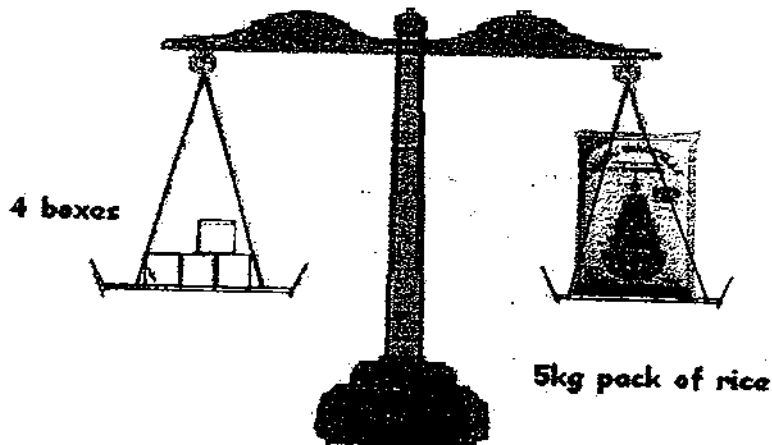
33. Rachel and Vanessa have 940 stamps.  
Rachel has 320 more stamps than Vanessa.  
How many stamps does Vanessa have?

Rachel

Vanessa

Answer: \_\_\_\_\_

34. Find the mass of one box.



Answer: \_\_\_\_\_

35. Container A is 3 kg heavier than Container B.  
Container B is twice as heavy as Container C.  
The total mass of the three containers is 23 kg.  
What is the mass of Container C?

A

B

C

Answer: \_\_\_\_\_

36. Li Ming had 150 game cards.  
He put them in 5 equal bags.  
He gave 2 of the bags to Abbas.  
How many cards had Li Ming left?

--	--	--	--	--

Answer: \_\_\_\_\_

37. Ricky had to fix wheels to 256 toy cars in a factory.  
Each car needed 4 wheels.  
Ricky was only given 740 wheels.  
How many more wheels would Ricky need to have?

Answer: \_\_\_\_\_

38. Jia Hui had the exact amount of money to buy 9 oranges.  
However, she bought only 6 oranges and had \$3 left.  
How much money did she have at first?

Answer: \_\_\_\_\_

39. Johnston saves \$60 each month.  
His brother saves \$57 in 3 months.  
How much money do they save altogether in 6 months?

Answer: \_\_\_\_\_

40. Leonard is thinking of a number between 10 and 20.  
When this number is divided by 6, the remainder is 4.  
When it is divided by 3, the remainder is 1.  
What is the number?

Answer: \_\_\_\_\_

End-of-Paper



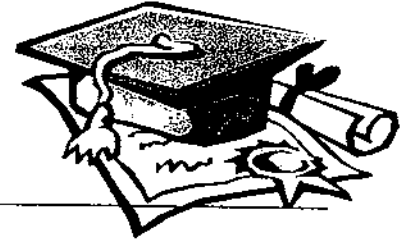


# ANSWER SHEET

## EXAM PAPER 2009

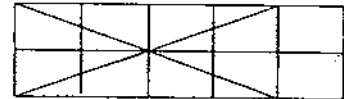
SCHOOL : TAO NAN PRIMARY  
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2



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

11)6700    12)9410    13)3    14)March    15)



16)5/12, 5/9, 5/7, 5/6    17) 1/2    18)220

19)February and March    20)2    21)36    22)0    23)3.45 p.m.

24)13kg 200g    25)\$9.10    26)6    27)8L 120ml    28)7

29)29    30)2<sup>nd</sup>

31)720+800+2000=3520  
He covered 3250m.

32)55+48=103  
200-103=97  
She left 97 cookies.

33)940-320=620  
620÷2=310  
Vanessa has 310 stamps.

34)5kg=5000g  
5000÷4=1250  
One box is 1250g.

35)23-3=20  
1+1+2=4  
20÷4=5  
The mass of container C is 5kg

36)150÷5=30  
30x2=60  
150-60=90  
Li Ming has 90 game cards left.

37)256x4=1024  
1024-740=284  
He need another 284 wheels.

38)9-6=3  
\$3 = 3 oranges  
\$9 = 9 oranges  
She had \$9 at first.

**39)  $60 \times 6 = 360$**

**$6 \div 3 = 2$**

**$57 \times 2 = 114$**

**$360 + 114 = 474$**

**The saved \$474 in 6 months.**

**40)  $16 \div 6 = 2 \text{ R } 4$**

**$16 \div 3 = 5 \text{ R } 1$**

**He is thinking of the number 16**