# 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

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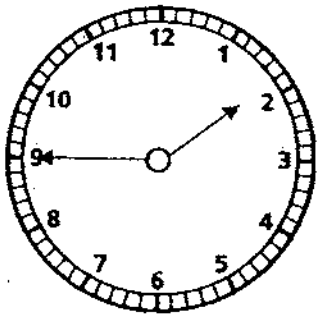
**Section A (10 marks)**

**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

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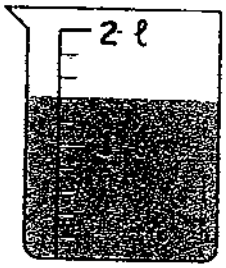
3. 8459 = 8000 + _____ + 9

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

4. 4 km 40 m = _____ m

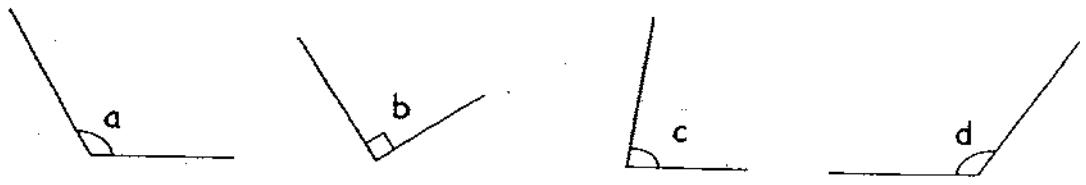
(1) 440 m
(2) 4004 m
(3) 4040 m
(4) 4400 m

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°?




(1) ∠a
(2) ∠b
(3) ∠c
(4) ∠d

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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?

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

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



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9. ♣ × 5 = ☺

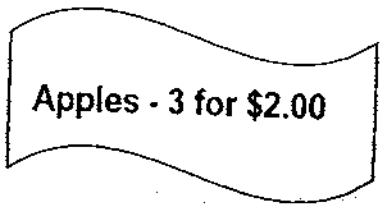
7 × ☺ = 420

What does ♣ 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



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Name: _____ (  )

Class: Primary 3 (  )

40

**Section B (40 marks)**

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

11. 6350 = _____ - 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 _____.

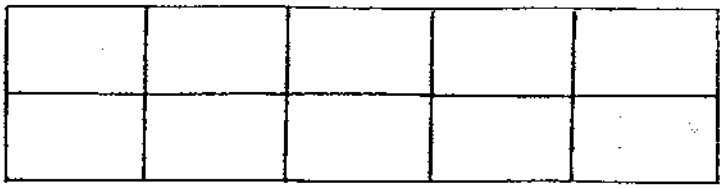
Ans: 

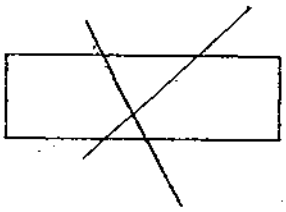
14. Mdm Goh attended a monthly cooking class which consisted of 10 lessons. The last lesson ended on 15 December 2008. In which **month** did she start her class?

Ans: 

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



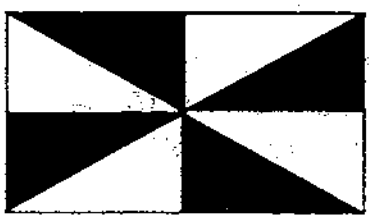
Ans: 

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**.

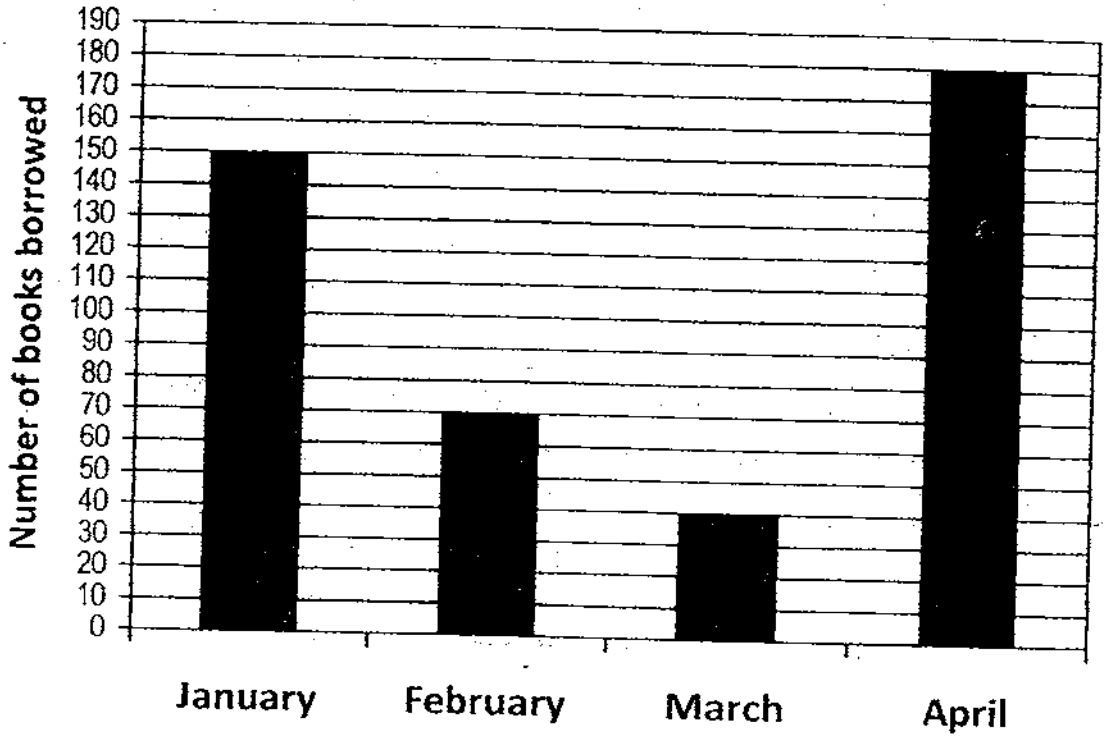


Ans: ____

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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: _____

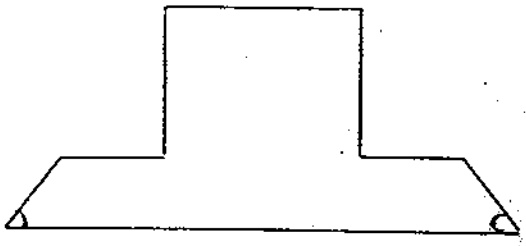
19. 70 more books were borrowed in April than in _____ and _____.

Ans: _____ and _____



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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.

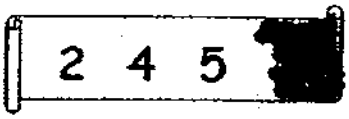
| 2 | 6 | 3 |
|---|---|---|

| | | |
|---|---|---|
| | | |

× 2

6 5 2

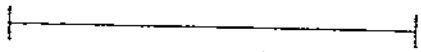
22. The number below has 4-digits. However, the last digit has been covered by spilt ink. If the number can be divided equally by 2 and 5, what is the missing **digit?**




Ans: ____

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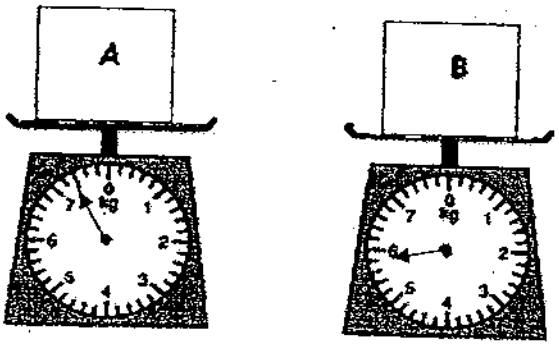
23. Mrs Lim watched a movie that lasted 2h 15mins.
It started at 1.30 p.m. What time did the movie end?



1.30 pm

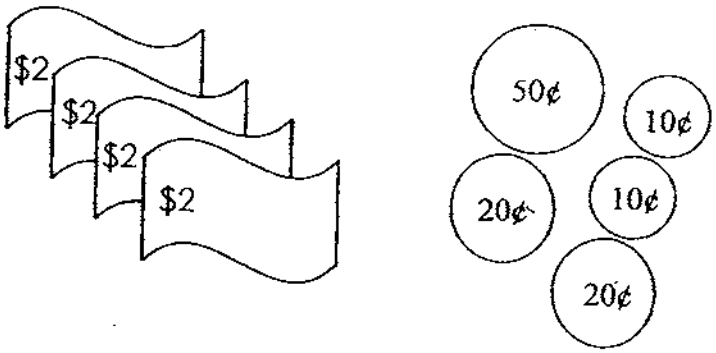
Ans: _____

24. The total mass of A and B is _____.




Ans: _____ kg _____ g

25. The amount of money is $_____.




Ans: $ _____

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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: _____ 50¢ coins

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: _____ *l* _____ *ml*

28. I have ten 50-cent coins and ten 20-cent coins.

I can exchange them for _____ one-dollar coins.

Ans: _____

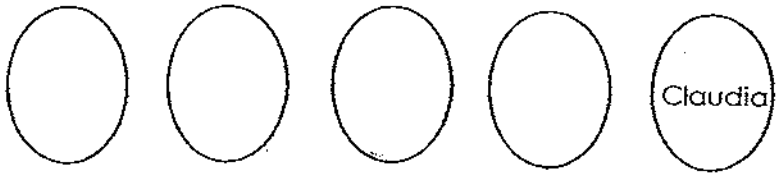


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29. Study the number pattern below carefully.
Complete the pattern.

| | | | | | | |
|---|---|---|---|---|---|---|
| 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: ____



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Name: _____ (  )
Class: P3 (  )

30

**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: _____

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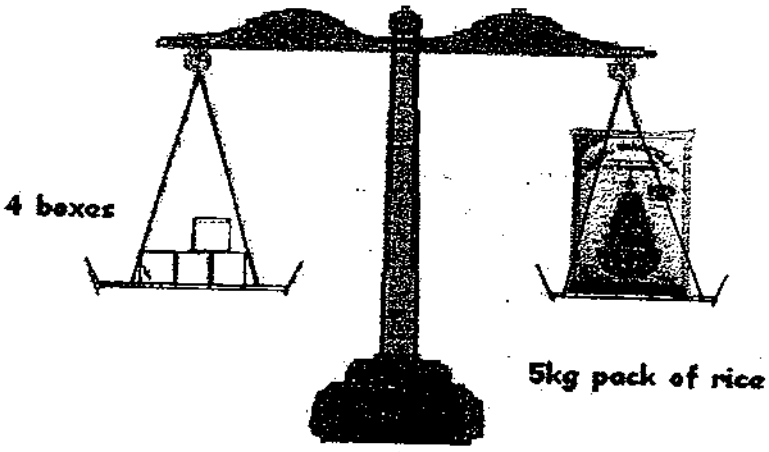
33. Rachel and Vanessa have 940 stamps.
Rachel has 320 more stamps than Vanessa.
How many stamps does Vanessa have?

Rachel ☐

Vanessa ☐

Answer: _____

34. Find the mass of one box.




Answer: _____



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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?

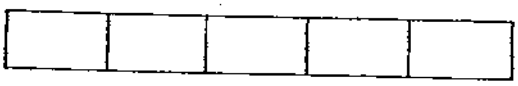
A

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: _____



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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: _____

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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



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# Answer Ke

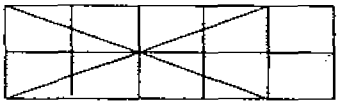
**EXAM PAPER 2009**

**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) ½ 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)2nd**

**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.**



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39)60x6=360
6÷3=2
57x2=114
360+114=474
The saved $474 in 6 months.

40)16÷6=2 R 4
16÷3=5 R 1
He is thinking of the number 16



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