

TAO NAN SCHOOL
PRIMARY 4 END-OF-YEAR MATHEMATICS EXAMINATION 2008

Name : _____ ()

Date: ¹⁴26 October 2008

Class : Primary 4 ()

Time: 8.00a.m. – 9.45a.m.

Parent's Signature: _____

Marks: _____/100

Section A (20 marks)

Questions 1 to 10 carry 2 marks 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. ^{33 000} 33 thousands and ⁴⁰ 4 tens is the same as _____.

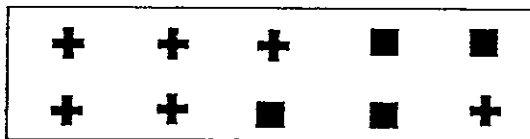
(1) 334

(2) 3340

(3) 33004

(4) 33040

2. What fraction of the shapes in the box are ■ ?



(1) $\frac{2}{5}$

(2) $\frac{1}{2}$

(3) $\frac{3}{5}$

(4) $\frac{2}{3}$

3. The digit 1 in 3.142 stands for _____.

- (1) ones
- (2) tens
- (3) tenths
- (4) hundredths

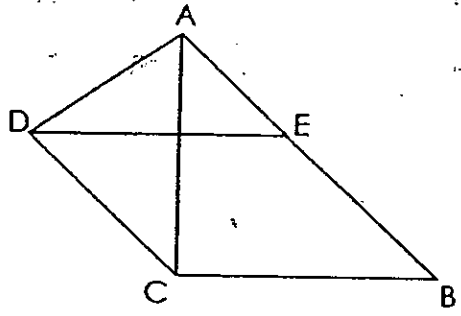
4. Write $3\frac{9}{20}$ as a decimal.

- (1) 3.92
- (2) 3.9
- (3) 3.45
- (4) 3.045

5. How many seconds are there in 5 min 50 s?

- (1) 170
- (2) 300
- (3) 350
- (4) 550

6. One of the lines in the figure is parallel to DC. Which line is parallel to DC?



- (1) AB
- (2) AC
- (3) AD
- (4) DE

7. Find the value of $\frac{7}{12} - \frac{1}{4}$

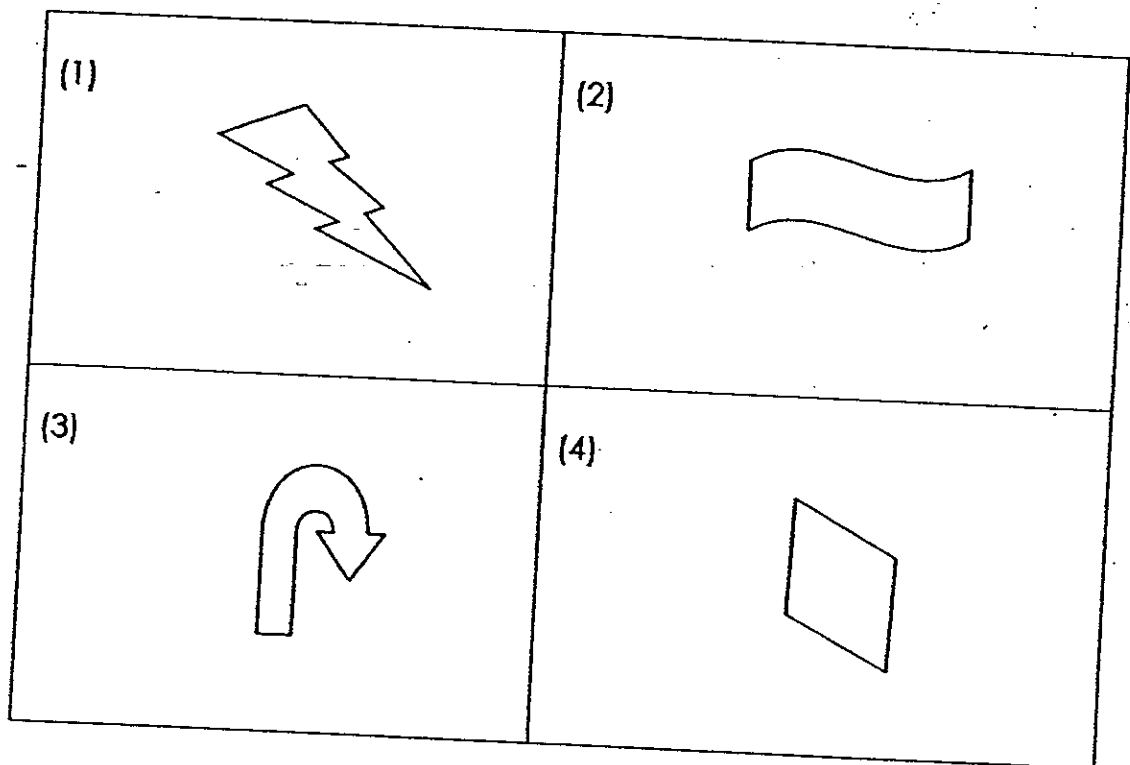
(1) $\frac{1}{2}$

(2) $\frac{2}{3}$

(3) $\frac{1}{3}$

(4) $\frac{1}{4}$

8. Which one of these figures is a symmetric figure?

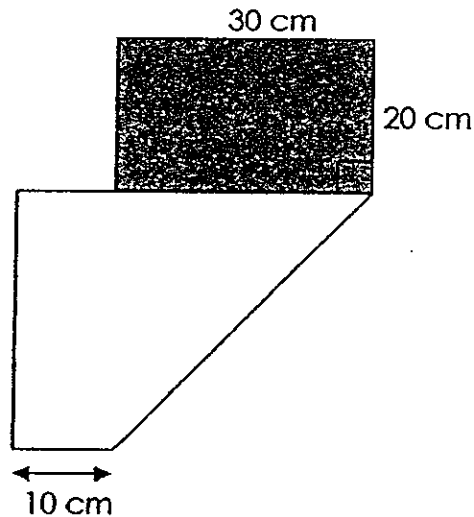


9. Farid's result slip is torn. What can be the largest possible difference between his Mathematics and Science marks?

<u>XYZ Primary School</u> <u>Final Year Examination Result Slip</u>	
Name: <u>Farid</u>	Class: <u>Pri 4A</u>
English Language	99
Malay Language	85
Mathematics	70
Science	80

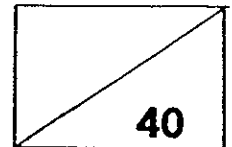
- (1) 16
(2) 17
(3) 18
(4) 19

10. A rectangular piece of paper is folded as shown. What is the area of the piece of paper before it was folded?



- (1) 600
(2) 900
(3) 1200
(4) 1800

Name: _____ ()

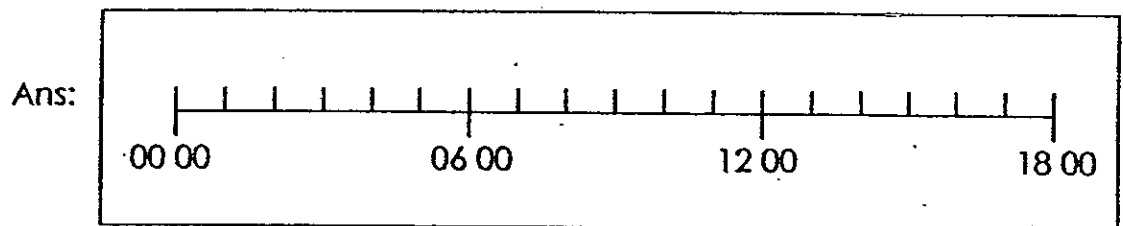


Section B (20 × 2 marks = 40 marks)

Questions 11 to 30 carry 2 marks each.

For each question, show your working clearly and write your answer in the box provided. Give your answer in the unit stated.

11. Mark a cross (X) to show 14 00 on the timeline.



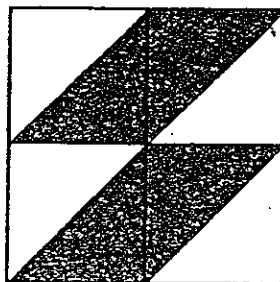
12. Write twelve thousand and fifty-two in figures.

Ans:

13. Write $\frac{13}{6}$ as a mixed number in its simplest form.

Ans:

14. What fraction of the figure is shaded?



Ans:

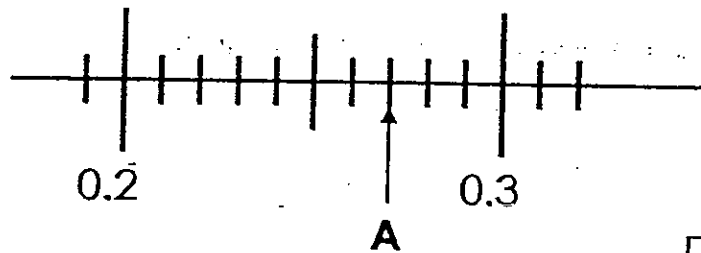
15. What is the first common multiple of 3 and 5?

Ans:

16. Round off 43 510 to the nearest hundred.

Ans:

17. Write the decimal represented by A.



Ans:

18. Find the value of 5.83×7 .

Ans:

19. Arrange the following fractions from the smallest to the greatest.

$$\frac{5}{6}, \frac{5}{12}, \frac{11}{12}$$

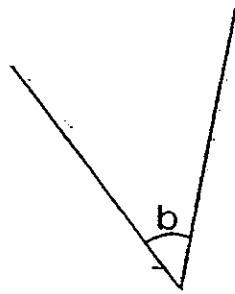
Ans:

(smallest) _____ (greatest)

20. $12.85 + 0.19 = \underline{\hspace{2cm}}$

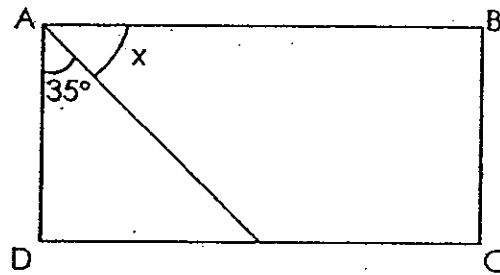
Ans:

21. Measure and write down the size of $\angle b$.



Ans:

22. In the figure, ABCD is a rectangle. Find the value of $\angle x$.



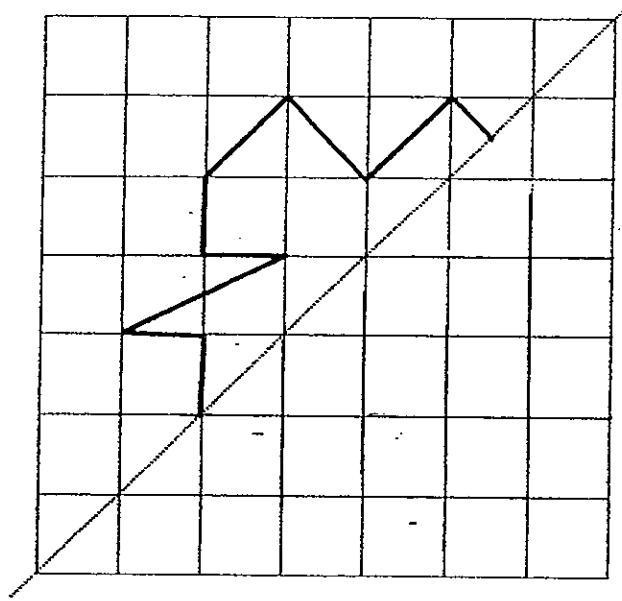
Ans:

23. Muthu is 1.54 m tall. He is 8 cm shorter than Tom. What is Tom's height in metres?

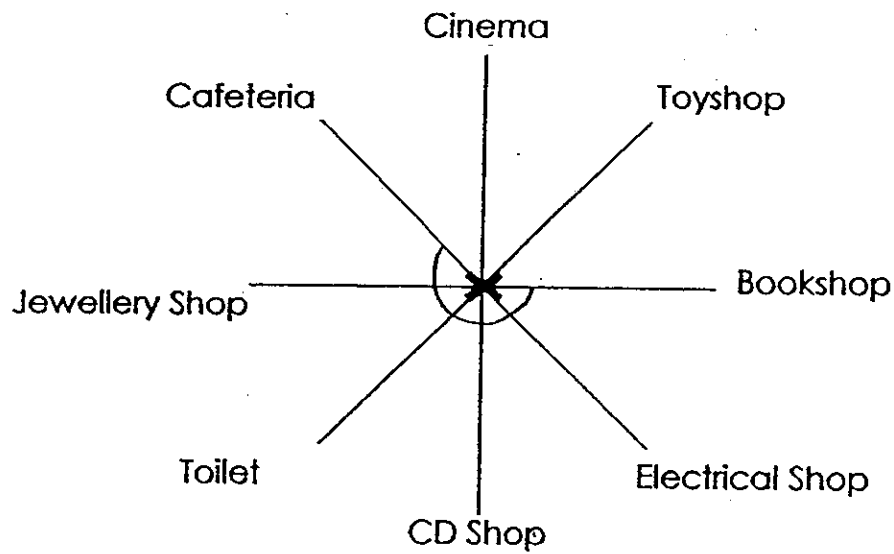
Ans:

 m

24. The dotted line is a line of symmetry. Complete the symmetric figure.



25. Look at the diagram below. Mark is at point X. He is facing the bookshop.



If Mark turns 225° clockwise, where will he be facing?

Ans:

26. Study the numbers carefully and find ♥.

40	1
10	4

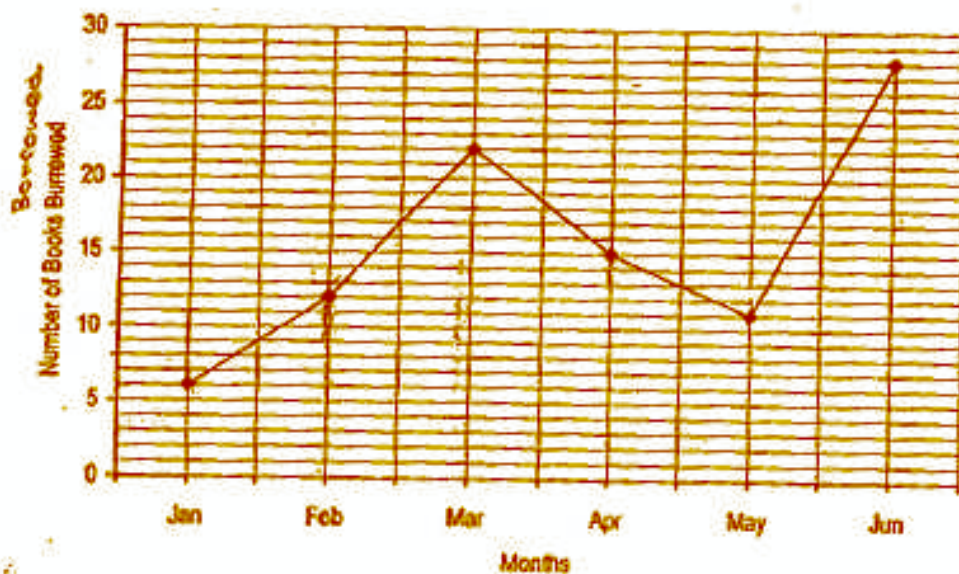
50	2
5	5

36	3
3	4

80	20
2	♥

Ans:

The line graph below shows the number of books borrowed by Harry over a period of 6 months from the National Library. Study the graph carefully and answer questions 27 and 28.



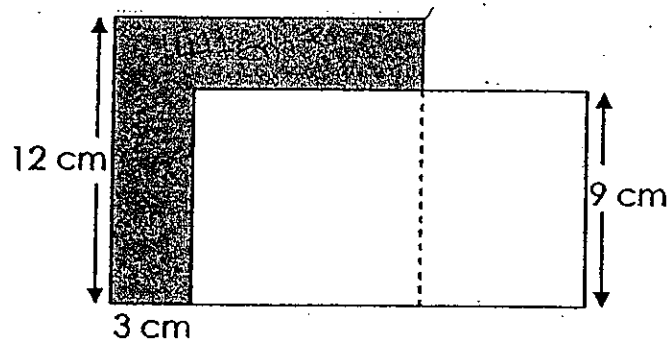
27. How many books did he borrow in February?

Ans:

28. How many more books did he borrow in June than in May?

Ans:

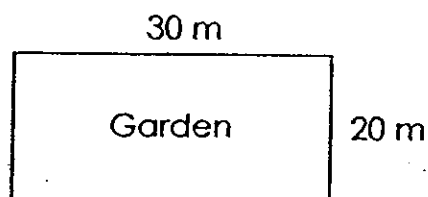
29. The figure below is formed by placing a rectangle on top of a square. If the square and the rectangle have the same area, what is the perimeter of the figure?



Ans:

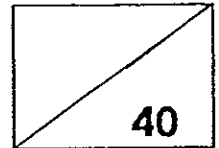
 cm

30. Mr. Raju wants to place vertical poles of 5 m apart on all sides of his rectangular garden. The length of his garden is 30 m and its breadth is 20 m. How many vertical poles does Mr. Raju need?



Ans:

Name : _____ ()



Section C (10 × 4 marks = 40 marks)

Show your working clearly in the space provided for each question and write your answers in the spaces provided.

31. *Janice sold twice as many durians as Shanti. Aisha sold the same number of durians as Janice. They sold 550 durians altogether.*
How many durians did Aisha sell?

Shanti		
Janice		
Aisha		

} 550

Ans: _____

32. Mr. Lim had 16 guppies. He gave $\frac{3}{8}$ of them to his daughter.

- a) What fraction of the fish had he left?
b) How many guppies had he left?

Ans: a) _____

b) _____

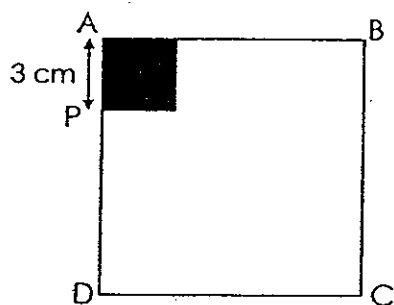
33. Mrs Lee paid \$51 for a dress and 2 identical blouses.
The dress costs \$30.80. Find the cost of each blouse.

Ans: _____

-
34. James thinks of a number. When he multiplies it by 6 and subtracts 10.42 from the product, he gets 20. Find the number.

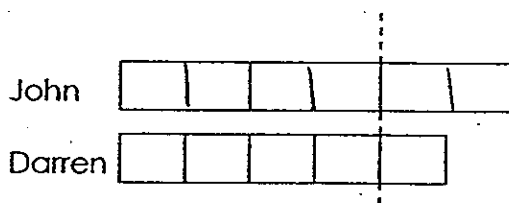
Ans: _____

35. The area of the square ABCD is 121 cm^2 . AP is 3 cm.
Find the length of PD.



Ans: _____

36. $\frac{2}{3}$ of John's savings is equal to $\frac{4}{5}$ of Darren's savings. John saves \$20 more than Darren. How much does Darren save?



Ans: _____

37. Ahmad is 9 years old. His mother is 23 years older than him. In how many years' time will Ahmad be half his mother's age?



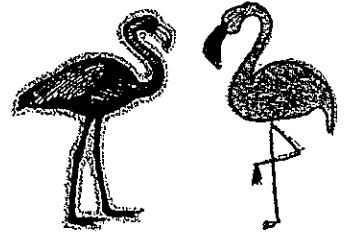
Ans: _____

-
38. Susan took 2h 40 min to complete her homework. Linda started doing her homework at 14 50 and completed it at 16 30. Megan took half of the total time taken by both Susan and Linda to do her homework. How long did Megan take to complete her homework? (Give your answer in h and min)



Ans: _____

39. There are 50 flamingoes at the bird park. Some of the flamingoes are standing on two legs and some are standing on one leg. Rosy counted a total of 79 "standing" legs. How many flamingoes are standing on one leg?



Ans: _____

40. The figures below are made up of identical triangles.
Study the pattern below carefully.

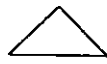


Figure 1

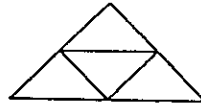


Figure 2

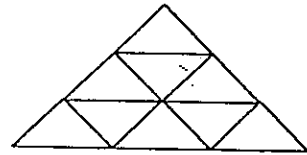
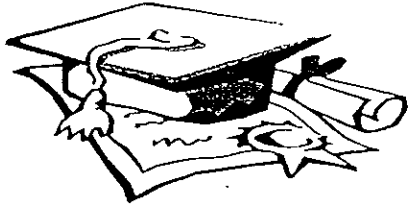


Figure 3

How many triangles are there in **Figure 10** ?

Ans: _____

End of Paper



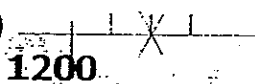
ANSWER SHEET

EXAM PAPER 2008

SCHOOL : TAO NAN PRIMARY SCHOOL
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA 2

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

11)  1200

12) 12052

13) $2\frac{1}{6}$

14) $\frac{1}{2}$

15) 15

16) 43500

17) 0.27

18) 40.81

19) $\frac{5}{12}$, $\frac{5}{6}$, $\frac{11}{12}$

20) 13.04

21) 48°

22) 55°

23) 1.62m

24)

25) Cafeteria

26) 2

27) 12

28) 17

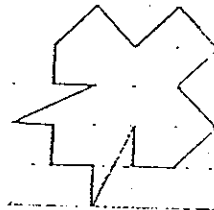
29) 62cm

30) 20

31) 1 unit $\rightarrow 559 \div 5 = 110$

2 units $\rightarrow 110 \times 2 = 220$

Aisha sold 220 ruriens.



32)a) $8/8 - 3/8 = 5/8$
He had $5/8$ of the fish left.
b) 1 unit $\rightarrow 16 \div 8 = 2$
5 units $\rightarrow 2 \times 5 = 10$
He had 10 guppies left.

33) $\$51.00 - \$30.80 = \$20.20$
 $\$20.20 \div 2 = \10.10
Each blouse costs $\$10.10$

34) $20.00 + 10.42 = 30.42$
 $30.42 \div 6 = 5.07$
The number is 5.07

35) Each side of ABCD $\rightarrow 11\text{cm} \times 11\text{cm} = 121\text{cm}^2$
Length of PD $\rightarrow 11\text{cm} - 3\text{cm} = 8\text{cm}$
The length of PD is 8cm

36) 1 unit $\rightarrow \$20$
5 units $\rightarrow \$20 \times 5 = \100
Darren saves $\$100$

37) In 14 years time, Ahmad will be half his mother's age

38) $10\text{ min} + 1\text{h } 30\text{ min} = 1\text{h } 40\text{ min}$
 $2\text{h } 40\text{ min} + 1\text{h } 40\text{ min} = 3\text{h } 80\text{ min} = 260\text{ min}$
 $260\text{ min} \div 2 = 130\text{ min} = 2\text{h } 10\text{ min}$

Megan took 2h 10 min to complete her homework.

39) There are 21 flamingoes standing on one leg.

40) $2 \times 2 = 4$ (Figure 2)
 $3 \times 3 = 9$ (Figure 3)
 $10 \times 10 = 100$ (Figure 10)
There are 100 triangles