

Tao Nan School
Primary Four Mathematics Mid-Year Examination 2010

Name: _____ ()

Date: _____ 2010

Class: Primary 4 ()

Parent's Signature: _____

Paper 1	Booklet A	20
	Booklet B	40
Paper 2		40
Total		100

Paper 1

Time: 8.00 a.m. – 9.15 a.m.

- Paper 1 comprises Booklet A and Booklet B.
- Total time (Booklets A and B): 1h 15 min
- Answer all questions

Paper 1 Booklet A

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Shade the correct oval (1 , 2 , 3 or 4) on the Optical Answer Sheet.

1. What is the value of 7 in 47 203?

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

2. 22.839 is _____ when rounded off to the nearest hundred.

- (1) 22 800
- (2) 22 809
- (3) 22 830
- (4) 22 840

3. In 3 524, what is the value of the digit in the tens place?

- (1) 50
- (2) 20
- (3) 30
- (4) 40

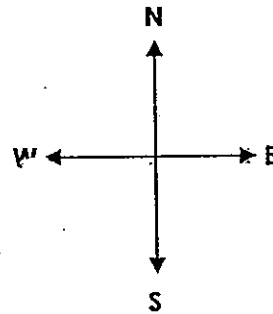
4. $4\frac{2}{5} = \frac{\square}{5} + \frac{16}{5}$

The missing number is _____.

- (1) 6
- (2) 8
- (3) 12
- (4) 14

5. May is facing east. If she turns 225° anti-clockwise, which direction would she face?

- (1) South-East
- (2) North-East
- (3) South-West
- (4) North-West



6. 15 is a common multiple of _____.

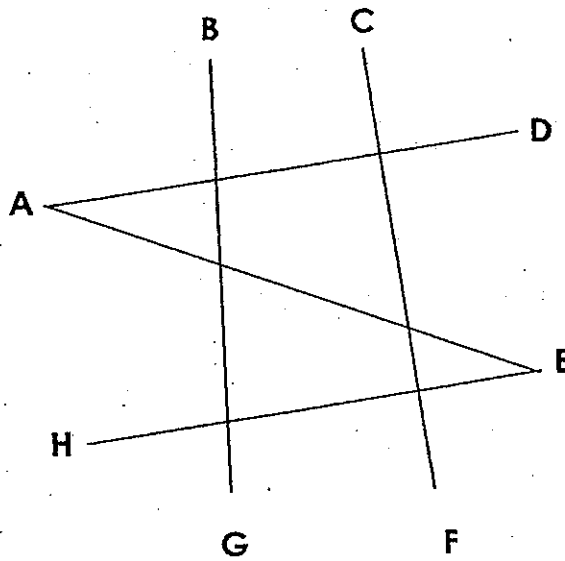
- (1) 5 and 10
- (2) 2 and 5
- (3) 3 and 4
- (4) 3 and 5

7. 8 is a factor of _____.

- (1) 38
- (2) 49
- (3) 63
- (4) 72

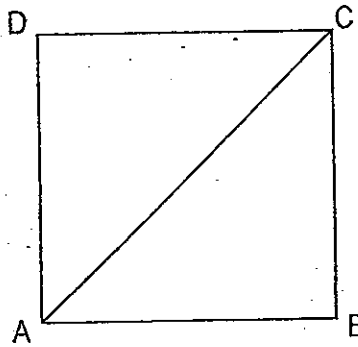
8. Which line is parallel to HE?

- (1) AD
- (2) AE
- (3) BG
- (4) CF



9. ABCD is a square. Which one of the following is true?

- (1) $\angle ADC$ is greater than 90°
- (2) $\angle DAC$ is greater than 90°
- (3) $\angle BAC$ is less than 90°
- (4) $\angle CBA$ is less than 90°

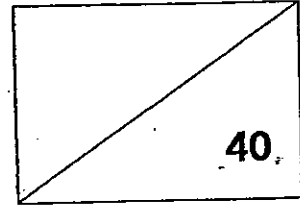


10. Which of the following fractions is greater than $\frac{1}{2}$?

- (1) $\frac{2}{5}$
- (2) $\frac{3}{7}$
- (3) $\frac{5}{9}$
- (4) $\frac{5}{11}$

Name: _____ () , Class: Primary 4 ()

Parent's Signature: _____



Mathematics Paper 1 ~ Booklet B

Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. Questions 11 to 30 carry 2 marks each.

11. Write 43 459 in words.

12. Arrange the number below in order, beginning with the largest.

1624 **993** **4112** **2057**

Ans: , , ,

13. Study the pattern.

$$99 \div 9 = 11$$

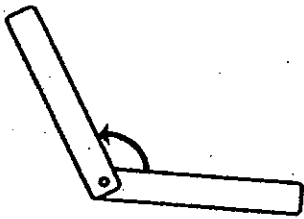
$$990 \div 9 = 110$$

$$9900 \div 9 = ?$$

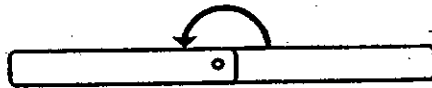
The missing number is _____.

Ans:

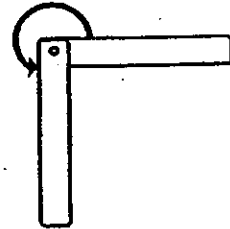
14. Which pair of angle strips below shows a $\frac{3}{4}$ -turn?



A



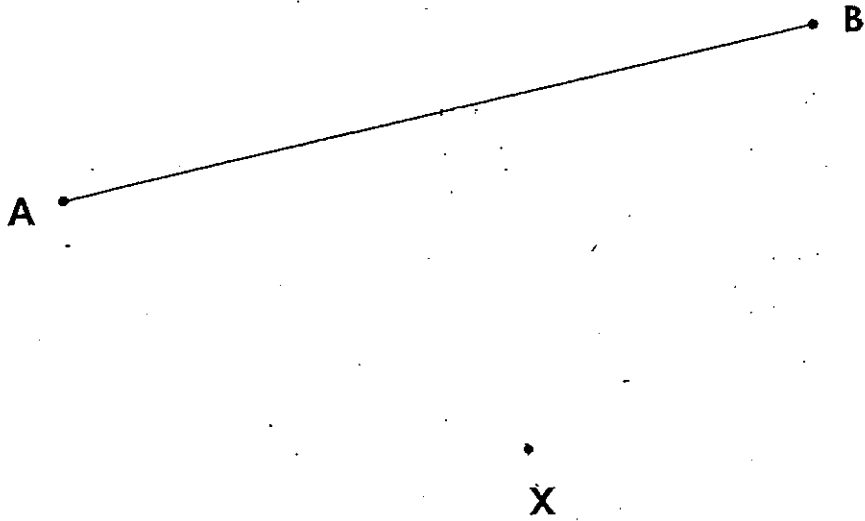
B



C

Ans:

15. Draw a line perpendicular to AB through Point X.



16. Find the quotient when 5 616 is divided by 9.

Ans:

17. There are 8 red apples and 12 green apples. What fraction of the apples is red? Express your answer in its simplest form.

Ans:

18. Jenny spent \$22 on a book and has only $\frac{3}{5}$ of her money left.
How much did Jenny have at first?



Ans: \$




- 19.

$$\begin{array}{r}
 123 \\
 \times 45 \\
 \hline
 615 \\
 4\boxed{?}2 \\
 \hline
 5535 \\
 \hline
 \hline
 \end{array}$$

The missing digit is _____.

Ans:

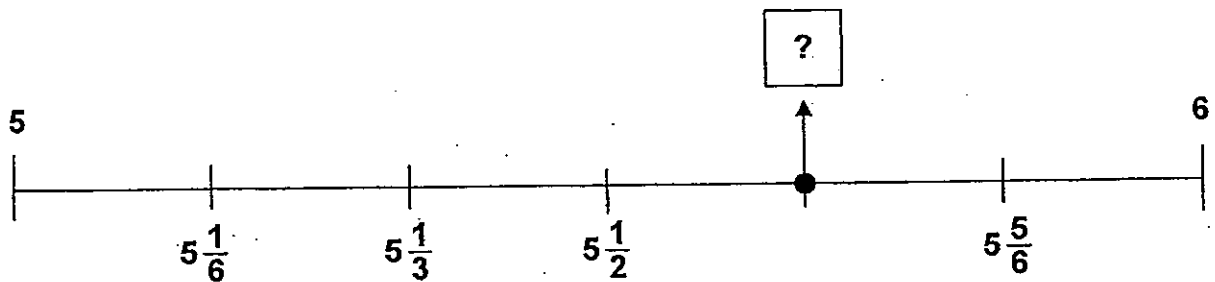
20.  X  = 60

 X  X  = 360

Find the value of  X  X  .

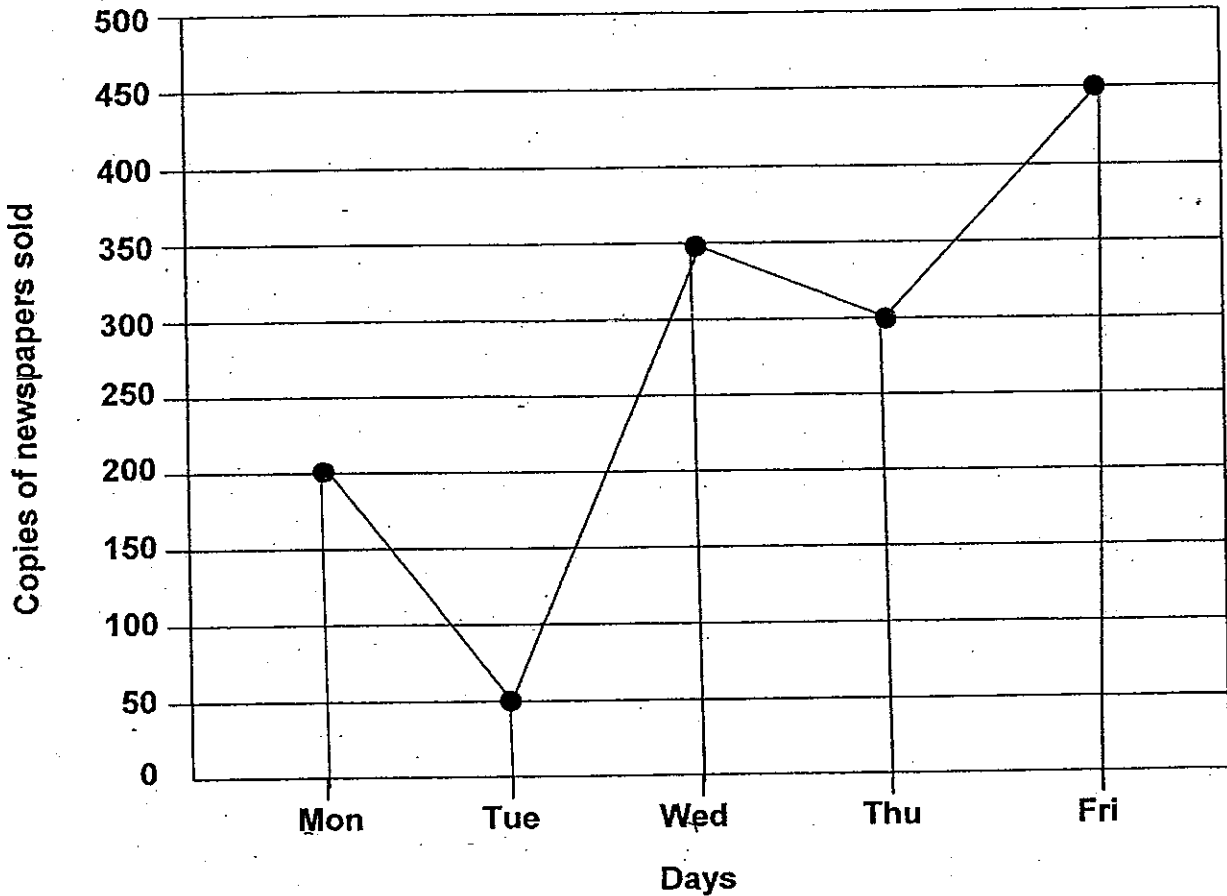
Ans:

21. What is the missing fraction? Give your answer in the lowest term.



Ans:

Look at the line graph below. It shows the number of newspapers sold over a period of 5 days. Study the graph carefully and answer questions 22 and 23.



22. What is the total number of copies of newspapers sold on Tuesday and Thursday?

Ans:

23. During which one day interval was the decrease in the number of newspapers sold the greatest?

Ans:

24. Express $\frac{30}{9}$ as a mixed number in its simplest form.

Ans:

25. What is $\frac{5}{12}$ of 144?

Ans:

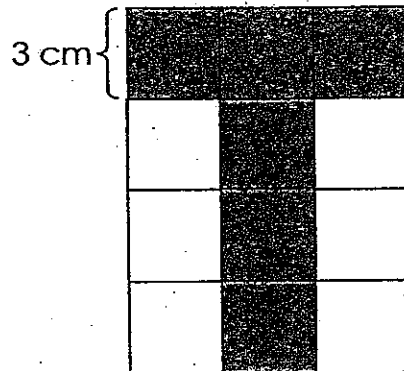
26. A number that has been rounded off to the nearest hundred is 3000.
What is the **biggest possible number** ?

Ans:

27. The time on the clock is 9 p.m. What time would it be if you turn the minute hand 270° clockwise?

Ans: p.m.

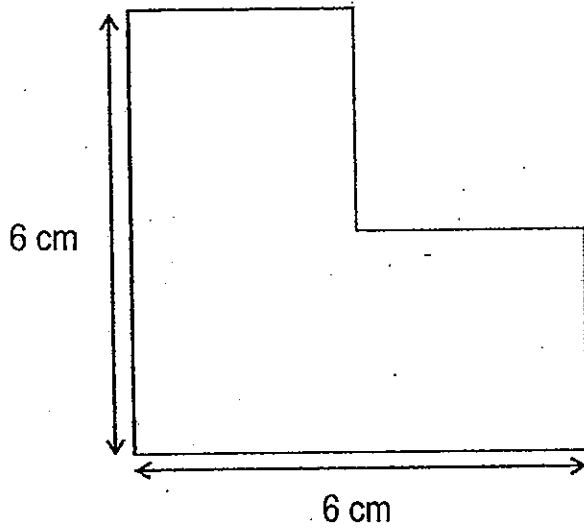
28. The shaded figure is drawn on a 3-cm grid.



What is the area of the shaded figure?

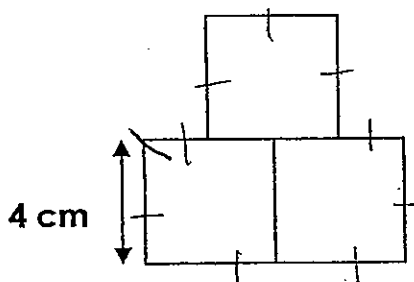
Ans: cm^2

29. What is the perimeter of the figure below?



Ans: cm

30. The figure below consists of 3 identical squares of side 4cm. What is the perimeter of the figure?



Ans: cm

End of Paper 1

Tao Nan School
Primary Four Mathematics Mid-Year Examination 2010
Paper 2

Name: _____ ()

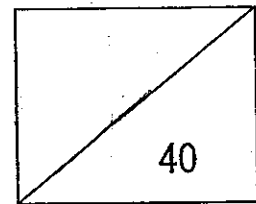
Date: 13 May 2010

Class: Primary 4 ()

Time: 10.30 a.m. – 11.45 a.m.

Parent's Signature: _____

Marks:



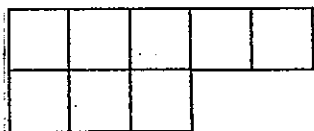
Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. Meili had \$7500. After spending \$1200 on a television, she had 3 times as much money as Jay. How much money does Jay have?

Meili	
Jay	

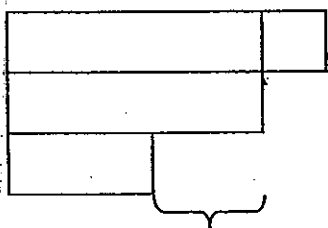
Ans: _____

2. 1952 people attended a Family Day gathering. $\frac{5}{8}$ of them are children and the rest are adults. How many fewer adults than children are there?



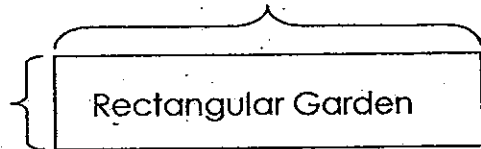
Ans: _____

3. Bala has 36 cookies. Ali has 4 more cookies than Bala. Shaun has 5 cookies fewer than Bala. How many cookies do they have altogether?



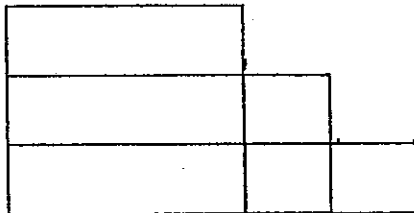
Ans: _____

4. The perimeter of a rectangular garden is 56 m. If the breadth of the garden is $\frac{1}{6}$ of its length, what is the area of the garden?



Ans: _____ m²

5. The sum of the page number of the last 3 pages of a book is 366. What is the last page number?



Ans: _____

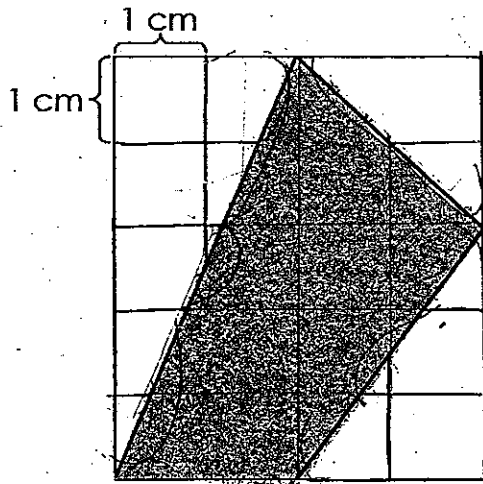
6. The basketball team scored between 30 and 60 points in a match. When the score is divided by 5, it leaves a remainder of 2. When divided by 7, there is no remainder. What is the score?

Ans: _____

7. A T-shirt costs \$8. For every 4 T-shirts bought, Meena got one T-shirt free. Meena bought 20 T-shirts. How much did she pay?

Ans: \$ _____

8. Find the shaded area.



Ans: _____ cm²

9. Lina had some red marbles and 10 blue marbles. After giving Siti $\frac{3}{5}$ of her red marbles, she had 8 red marbles left. What fraction of the marbles was red at first? Leave your answer in its lowest term.

Ans: _____

10. Study the pattern shown.

	M	A	T	H	S
Row 1	89	90	91	92	93
Row 2	94	95	96	97	98
Row 3	99	100	101	102	103

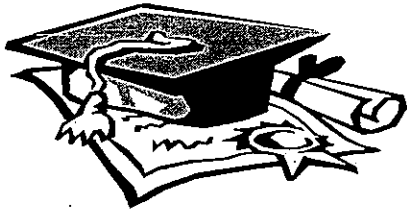
- (a) In which **row** would the number **110** appear?
- (b) Under which **letter** would the number **195** appear?
- (c) In which **row** would the number **200** appear?

Ans : (a) Row _____ [1]

(b) _____ [1]

(c) Row _____ [2]

End of Paper 2

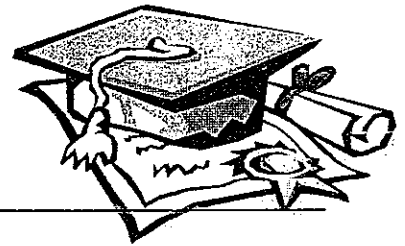


ANSWER SHEET

EXAM PAPER 2010

SCHOOL : TAO NAN PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA1



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

11)Forty-three thousand, four hundred and fifty-nine

12)4112,2057,1624,993

13)1100

14)C

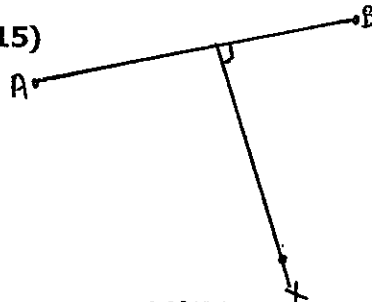
15)

16)624

17)2/5

18)\$55

19)9



20)1000

21)5²/₃

22)350

23)Monday and Tuesday

24)3¹/₃

25)60

26)3049

27)9.45p.m.

28)54cm²

29)24cm

30)32cm

Paper 2

<p>1)7500 – 1200 = 6300 6300 ÷ 3 = 2100 Jay has \$2100</p>	<p>2)1952 ÷ 8 = 244 244 x 5 = 1220 244 x 3 = 732 1200 – 132 = 488 There were 488 fewer adults than children</p>
<p>3)36 + 4 = 40 36 – 5 = 31 31 + 36 + 40 = 107 They have 107 cookies.</p>	<p>4)1 + 6 + 1 + 6 = 14 56 ÷ 14 = 4 4 x 6 = 24 24 x 9 = 96m² The are is 96m²</p>
<p>5)1 + 2 = 3 366 – 3 = 363 363 ÷ 3 = 121 121 + 2 = 123 The last page number is 123</p>	<p>6)The score is 42</p>

<p>7) $8 \times 4 = 32$ $4 + 1 = 5$ $32 \times 4 = 128$ She paid \$128</p>	<p>8) $5 \times 4 = 20$ $20 - 10 = 10$ The area is 10cm²</p>
<p>9) 1 unit $\rightarrow 8 \div 2 = 4$ 5 units $\rightarrow 4 \times 5 = 20$ $20 + 10 = 30$ $20/30 = 2/3$ 2/3 of the marbles was red at first.</p>	<p>10) a) Row 5 b) A c) 23</p>