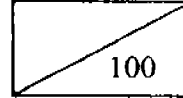# Tao Nan School
Primary Four Mathematics Mid-Year Examination - 2005

Name: _____ (   )   Date   : 11 May 2005

Class: Primary 4 (   )   Duration   : 7.55a.m. – 9.40a.m.

Parent's Signature: _____

100

SECTION A: (20 x 2 marks)

Questions 1 to 20 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 correct oval (1 ,2 ,3 or 4) on the Optical Answer Sheet (OAS) provided.

1.   In 85 469, the digit '8' stands for _____.

    (1)   8 tens
    (2)   8 hundreds
    (3)   8 thousands
    (4)   8 ten thousands

2.   5563 is 5600 when rounded off to the nearest _____.

    (1)   ten
    (2)   hundred
    (3)   thousand
    (4)   ten thousand

3.   The factors of 36 are _____.

    (1)   2 and 5
    (2)   2 and 8
    (3)   3 and 7
    (4)   4 and 6

/

4. $\frac{7}{10}$ kg is _____ kg more than $\frac{1}{5}$ kg?

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

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

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

    (4) $\frac{9}{10}$

5. 16 is a common multiple of _____ .

    (1) 4 and 6
    (2) 4 and 8
    (3) 8 and 48
    (4) 32 and 48

6. A rabbit can cover 36 cm in a single hop. A kangaroo can hop twice as far. How far can a kangaroo cover in a single hop?

    (1) 18 cm
    (2) 20 cm
    (3) 36 cm
    (4) 72 cm

7. The product of 5 and a given number is 140. What is the number?

    (1) 20
    (2) 26
    (3) 28
    (4) 208

8. ▢ ÷ 9 = 54 R8

What is the missing number in the box?

(1) 478
(2) 494
(3) 486
(4) 499

9. Matthew has 196 stamps. Albert has 48 stamps. How many stamps must Matthew give Aibert so that they have an equal number of stamps?

(1) 37
(2) 74
(3) 122
(4) 148

10. The sum of two numbers is 2722. One of the numbers is 100 less than the other. What is the bigger number?

(1) 1211
(2) 1311
(3) 1411
(4) 1511

11. How many eighths are there in $3\dfrac{1}{8}$?

(1) 12
(2) 24
(3) 25
(4) 31

3
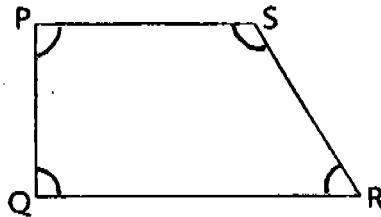
12. Which one of the following has the same value as $\frac{1}{5}$?

    (1) $\frac{2}{10}$

    (2) $\frac{2}{20}$

    (3) $\frac{8}{10}$

    (4) $\frac{8}{20}$

13. In a quiz, Charlie answered 6 out of 16 questions incorrectly. What fraction of the questions did he answer correctly?

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

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

    (3) $\frac{3}{8}$

    (4) $\frac{5}{8}$

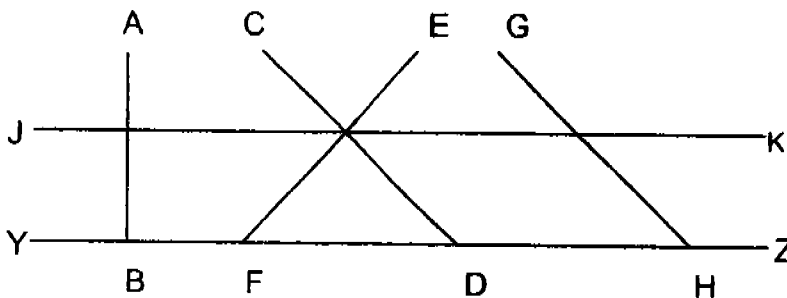14. Which of the following angles is smaller than a right angle?

    (1) $\angle$ SPQ
    (2) $\angle$ PQR
    (3) $\angle$ QRS
    (4) $\angle$ PSR

15. I am a number between 75 and 90. I have a remainder of 6 when I am divided by 8. I am _____.

    (1)   80
    (2)   84
    (3)   86
    (4)   90

16. Name the line that is perpendicular to YZ.

    (1)   AB
    (2)   JK
    (3)   EF
    (4)   GH

17. $\triangle + \triangle + \heartsuit + \star = 5\frac{7}{8}$

    If $\heartsuit + \star$ is $3\frac{5}{8}$, what is the value of the $\triangle$?

    (1) $9\frac{1}{2}$

    (2) $3\frac{1}{2}$

    (3) $2\frac{1}{4}$

    (4) $1\frac{1}{8}$

The table below shows the scores of 4 pupils in two tests.
Study it carefully and answer **Question 18.**

Name of pupil	Test 1	Test 2
Ali	73	99
Muthu	98	89
Danny	87	79
Tommy	71	99

18.   From the table above, who has made the most improvement?

(1)   Ali
(2)   Muthu
(3)   Danny
(4)   Tommy

19.   John has $200. Sam has $\frac{3}{5}$ of what John has while Peter has $30 less than

Sam. How much money does the 3 children have altogether?

(1) $90
(2) $350
(3) $120
(4) $410

20. $\frac{1}{2}$ of Wendy's savings is equal to $\frac{2}{5}$ of Carol's savings. If Wendy saves $300,

what is Carol's savings?

(1) $150
(2) $375
(3) $300
(4) $675

Name: _____ (   )

Class: Primary 4 (   )

[60]

<u>Section B: (20 x 2 marks)</u>
Write the answers in the boxes provided. Give your answers in the units stated.

21.   Express $\dfrac{78}{8}$ as a mixed number in its lowest term.

22.   Divide 856 by 8. The answer is _____.

23.   What is $\dfrac{3}{5}$ of 20?

24.   What is the first common multiple of 4, 6, and 8?

25. What is the missing number?

$$
\begin{array}{r}
\boxed{}\ \text{R} \\
7\,\overline{)169} \\
14 \\
\hline
29 \\
2 \\
\hline

\end{array}
$$

[ ]

26. $3700 = \boxed{} - 300$

The answer in the box is _____.

[ ]

27. $138 \div 6 = \boxed{}$

[ ]

28. Find the product of 2382 and 28?

[ ]

29. Girls

Boys

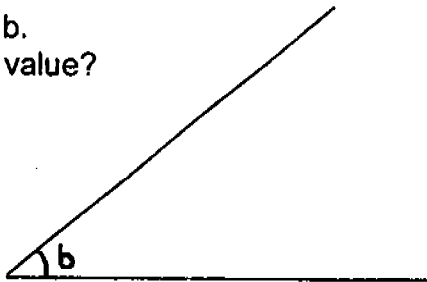$\left.\right\} 2400 \text{ pupils}$

How many more girls than boys are there?

30. Peter had $200. He spent $\frac{3}{5}$ of his money on food and saved the rest. How much did he save?

$ \boxed{}

31. Measure ∠ b.
What is the value?

b

0

32. **WXYZ** is a rectangle. Find $\angle$ c.

W _____ X

45^0

32^0

c

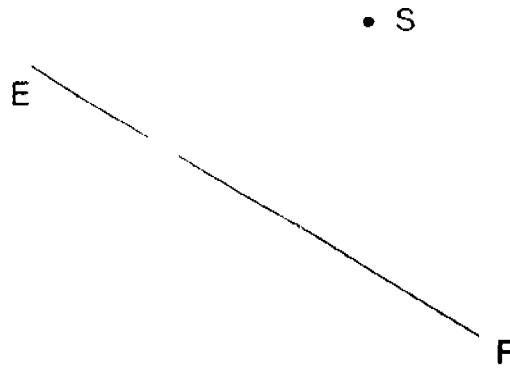Z _____ Y

	0
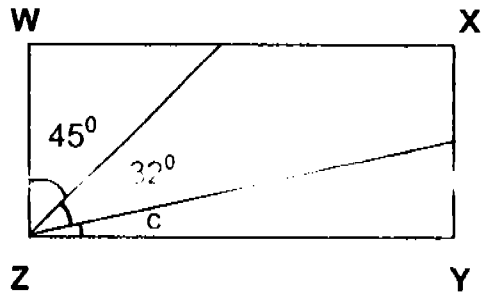
Refer to the figure below to answer **Questions 33 and 34**.

T N S

33. Which letter has a pair of perpendicular lines?

34. Which letter has a pair of parallel lines?

35. Using a set square, draw a line <u>perpendicular</u> to the line EF through point S.

• S

E

F

36. $\dfrac{1}{4} + \dfrac{1}{B}$

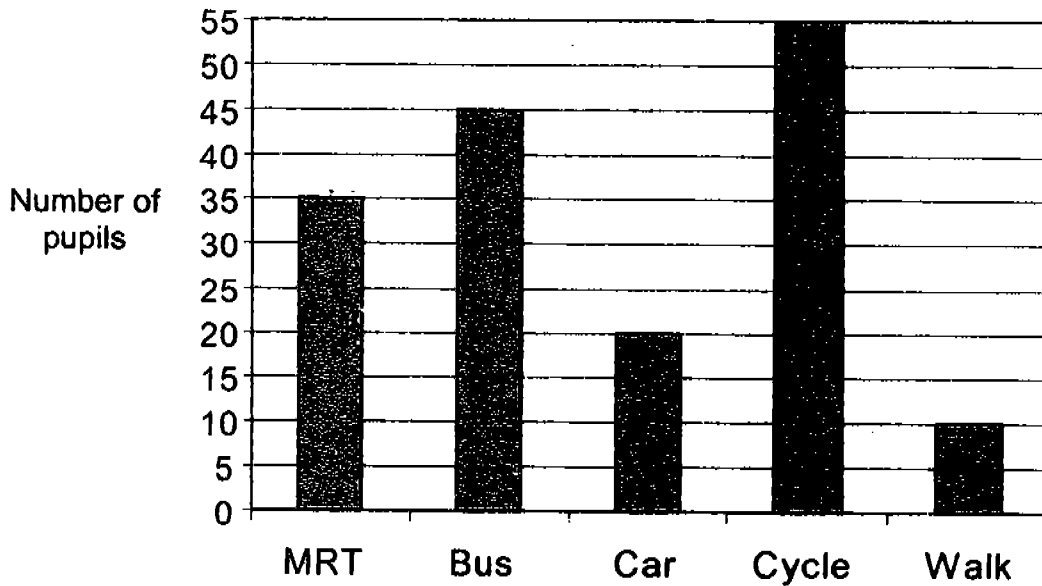$= \dfrac{B}{12} + \dfrac{4}{12}$

$= \dfrac{7}{12}$

The letter B represents the digit _____

37.

Tom				
Ronny				

} 84kg

Ronny weighs _____ kg.

38. The minute hand of a clock moves from 12 to 9. How many right angles has it turned?

The graph below shows how pupils go to school.
Study it carefully and answer the questions below.

39. What is the total number of pupils who cycle and walk to school?

40. What fraction of the pupils cycle to school? Express your answer in the simplest form.

Section C: (5 x 4 marks)
Solve the following problem sums and show your working clearly.

41. Lucy had 16 m of ribbon.
     She cut 5 pieces of ribbon from it.
     Each piece of ribbon is 2m
     How much ribbon was left?

42. There are 42 pupils in a class.
     Each pupil has 55 balloons. If a bag can hold 70 balloons,
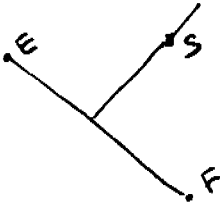   how many bags are needed?

43. $\frac{1}{8}$ of the balls in a basket are white, $\frac{1}{4}$ of them are orange and the remaining ones are purple. If there are 36 more purple balls than orange ones, how many balls are there in the basket ?

44. Last Saturday, 1750 people visited the zoo.
There were 178 more children than adults.
The admission fee for an adult is $2.
Each child paid half the price.
How much admission fee was collected on that day?

14

45. The cost of 3 handbags and 1 belt is $300.
    The cost of 2 handbags and 2 belts is $240.
    Find the cost of a handbag.

END OF PAPER

SM

TAO NAN SCHOOL
PRIMARY FOUR
MATHEMATICS
MID YEAR EXAMINATION 2005

1) 4

2) 2

3) 4

4) 2

5) 2

6) 4

7) 3

8) 2

9) 2

10) 3

11) 3

12) 1

13) 4

14) 3

15) 3

16) 1

17) 4

18) 4

19) 4

20) 2

21) 9 3/4

22) 107

23) 12

24) 24

25) 4

26) 4000

27) 23

28) 66696

29) 800

30) 80

31) 40

32) 13

33) T

34) N

35)

36) 3

37) 36 kg

38) 3

39) 65

40) 1/3

41) 6 m of the ribbon

42) 33 bags

43) 96 balls

44) $ 2536

45) $ 90

16