

OA 2

Tao Nan School
Primary 5 Mathematics Continual Assessment 2—2004

Name: _____ ()
Class: Primary 5 _____

Date: 25 August 2004
Duration: 2h 15 min

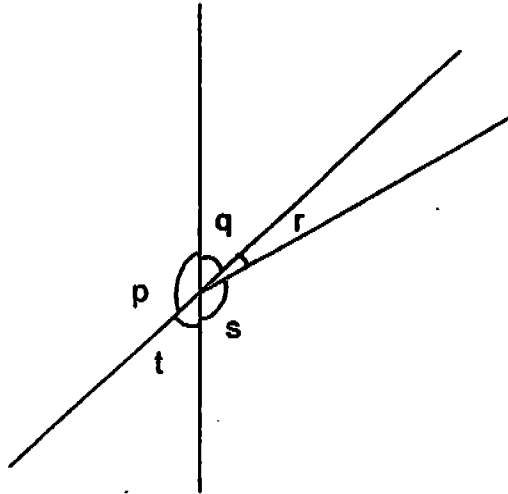
Parent's Signature: _____

Marks: _____ /100

Section A (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each. For each question, 4 options are given. One of them is the correct answer. Make your choice (1,2,3 or 4). Shade the correct oval in the Optical Answer Sheet.

1.



Identify the vertically opposite angles in the diagram above.

- 1) $\angle p$ and $\angle s$
- 2) $\angle q$ and $\angle t$
- 3) $\angle s$ and $\angle t$
- 4) $\angle p$ and $\angle r$

2. In 5.942, the digit 4 stands for _____.

- 1) 4 tens
- 2) 4 tenths
- 3) 4 hundreds
- 4) 4 hundredths

3. 3 km 860 m + 5 km 170 m = _____ km

- 1) 0.93
- 2) 9.003
- 3) 9.03
- 4) 9.3

4. The sum of 7 numbers is 249.27. The average is _____.

- 1) 31.32
- 2) 33.04
- 3) 35.61
- 4) 242.27

5. $\frac{11}{25}$ expressed as a percentage is _____ %.

- 1) 11
- 2) 22
- 3) 33
- 4) 44

6. 36% of a number is 45. What is the number?

- 1) 9
- 2) 81
- 3) 125
- 4) 162

7. $86.92 = 80 + 6\frac{9}{10} + \frac{1}{\square}$

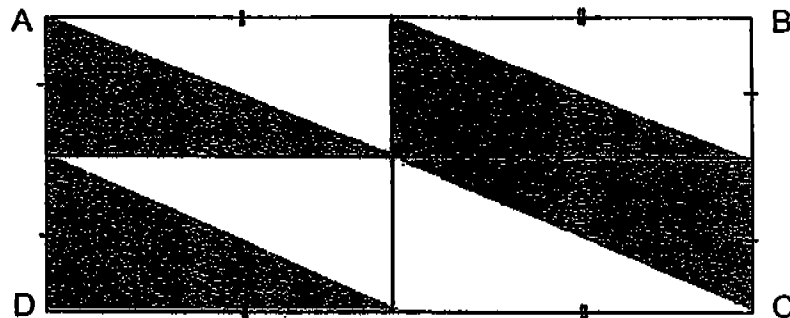
What is the missing number?

- 1) 5
- 2) 50
- 3) 100
- 4) 1000

8. Subtract 11.8 from the product of 37 and 5.6.

- 1) 19.6
- 2) 29.8
- 3) 141.12
- 4) 195.4

9. ABCD is a rectangle. What percentage of the rectangle is shaded?



- 1) 30%
- 2) 40%
- 3) 50%
- 4) 60%

10. Ahmad runs a distance of 46.2 km a week. On the average, how many kilometres does he run a day?

- 1) 6.6 km
- 2) 7.7 km
- 3) 6 km 6 m
- 4) 7 km 7 m

11. Mrs Li bought 6.25 kg of almonds. She used 2.3 kg of the almonds to bake a cake and 1 kg 50 g to bake almond biscuits. She had _____ kg of almonds left.

- 1) 2.45
- 2) 2.90
- 3) 3.35
- 4) 3.95

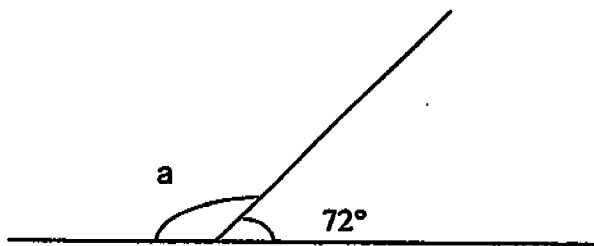
12. Joseph, Shawn, Bernard and John weigh 180 kg altogether. When Jackson joins them, the average weight of the 5 boys is 45.5 kg. What is Jackson's weight?
- 1) 45.1 kg
 - 2) 45.25 kg
 - 3) 47.5 kg
 - 4) 90.5 kg
13. The ratio of Mary's age to Jamie's age is 6 : 3 . If Mary is 18 years older than Jamie, find the sum of the age of Mary and Jamie.
- 1) 9 years
 - 2) 27 years
 - 3) 36 years
 - 4) 54 years
14. 0.75 of a number is smaller than twice the number by 40. What is the number?
- 1) 30
 - 2) 32
 - 3) 39.25
 - 4) 40.75
15. In a Maths puzzle,
 9 is written as # ^
 13 is written as # ^ ^ ^
 16 is written as # # ^
- How would 6 be written ?
- 1) ^ ^
 - 2) ^ ^ ^
 - 3) #
 - 4) ^ ^ # #

Name: _____ ()

Section B (20 marks)

Each question from 16 to 35 carries 1 mark. Write your answer in the space provided. Give your answers in the units stated.

16. The figure below is not drawn to scale. Find $\angle a$.



Ans: _____ $^\circ$

17. Express 0.28 as a fraction in its lowest terms.

Ans: _____

18. _____ is 0.1 more than 625.32.
(Express your answer as a decimal.)

Ans: _____

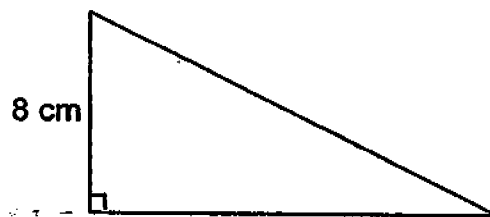
19. 90% of 2 km is _____ m.

Ans: _____

20. 8.109 when rounded off to 1 decimal place is _____.

Ans: _____

21.



The figure shows a triangle with a height of 8 cm. The ratio of the base to the height is 3 : 2 . What is the area of the triangle?

Ans: _____ cm²

22. Out of 60 apples in a crate, 12 are rotten. What percentage of the apples are not rotten?

Ans: _____ %

23. 15 % of 360 is _____.

Ans: _____

24. 60 % of 195 min = _____ h _____ min

Ans: _____ h _____ min

25.

?

 $\div 12 = 30.35$

What is the missing number?

Ans: _____

26. Mrs Wee's monthly salary was \$3650. It was increased by 6 % in June. What was her salary in June?

Ans: \$ _____

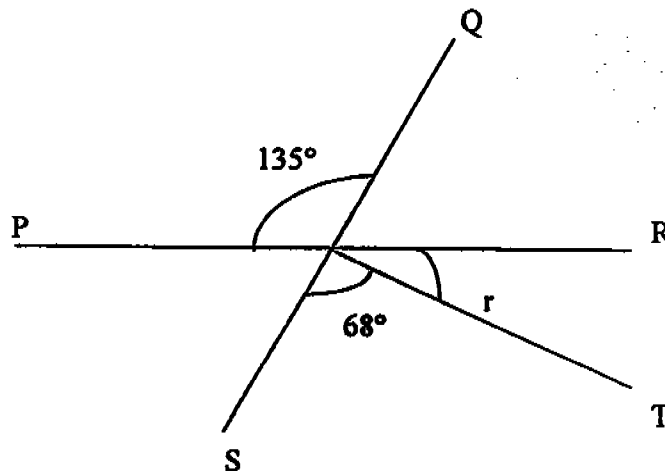
27. There are 7 containers. The average capacity of the 7 containers is 8.24 l. The average capacity of 6 of the containers is 8.78 l. What is the capacity of the 7th container?

Ans: _____

28. The value of $15 + 150 \div 15$ is _____.

Ans: _____

29. In the diagram not drawn to scale, PR and QS are straight lines. Find $\angle r$.



Ans: _____°

30. Mother bought 6 kg of prawns. She used 0.3 of it for cooking and kept the rest in the freezer. How many kilograms of prawns did Mother keep in the freezer?

Ans: _____ kg

31. An egg costs 16 cents. FREE DELIVERY PLEASE CALL : JEREMY HP : 9851 8226
Mrs Tan has \$9. What is the maximum number of eggs she can buy?

Ans: _____

32. Jane is facing north-east. If she turns 135° clockwise, which direction will she be facing?

Ans: _____

33. Round off the average of 25, 3.96 and 4.38 to 2 decimal places.

Ans: _____

34. Mr Heng earns \$2800 monthly. He spends \$500 on food and \$200 on transport. He pays \$350 for his phone bills and saves the remaining money. What fraction of his monthly income does he save?

Ans: _____

35. Study the pattern and answer the question.

Row 1				2	3	4	5
Row 2	9	8	7	6			
Row 3				10	11	12	13
Row 4	17	16	15	14			
Row 5				18	19	20	21

In which row would you find 57, 56, 55 and 54?

Ans: Row _____

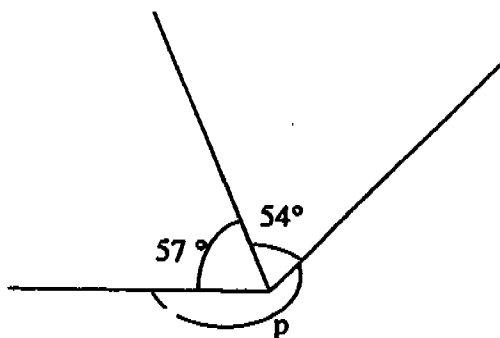
Name: _____

Class: _____

Section C (55 marks)

For each question from 36 to 50, show your working clearly in the space below it and write your answer in the space provided. The number of marks available is shown in the brackets () at the end of each question or part question.

36. In the diagram below not drawn to scale, find $\angle p$.



Ans: _____ (2m)

37. Ron had \$480 stamps. He gave $\frac{5}{8}$ of it to Mary and $\frac{3}{5}$ of the remainder to Lily. How many stamps had he left?

Ans: _____ (2m)

38. Hannah gave \$184 to Sharim and Nora to be shared equally. Nora has \$1305.25 now. How much money had Nora at first?

Ans: _____ (2m)

39. At a supermarket, a 2-kg pack of sugar costs \$1.40 and a 5-kg pack of sugar costs \$3.20. If Mrs Lim buys 20 kg of sugar, how much will she save if she buys it in packs of 5 kg instead of 2 kg?

Ans: _____ (3m)

40. Hui Hui had 82 books and Fei Fei had 170 books. Their father gave them an equal number of books. Hui Hui then had $\frac{1}{2}$ as many books as Fei Fei. How many books did their father give them altogether?

Ans: _____ (3m)

41. The cost of fencing a rectangular field is \$6 per metre. The length of the field is 230 m and its breadth is 50 m less than its length. How much does it cost to fence the field?

Ans: _____ (3m)

42. There were 560 sweets in a box. Tom took $\frac{3}{8}$ of them and Sam took 56. The rest were distributed among 6 girls. On the average, how many sweets did each girl receive?

Ans: _____ (4m)

43. Alice saved \$50 more than Lena but \$14 less than Fanny. The three girls saved an average of \$180. How much did Lena save?

Ans: _____ (4m)

44. Ahmad paid \$17.60 for 3 books and 7 pencils. Each book cost 5 times as much as a pencil. How much more did he pay for a book than a pencil?

Ans: _____ (4m)

45. 1 apple, 2 lemons and 3 pears cost \$5. The cost of 1 lemon and 1 pear is \$1.60 . Find the total cost of one apple and one pear.

Ans: _____ (4m)

46. Barrels P and Q contained 24 l of water altogether. Ms Chia drained off 0.25 of the water from Barrel P and 6.5 l of water from Barrel Q. The 2 barrels have the same volume of water now. What was the original volume of water in Barrel Q?

Ans: _____ (4m)

47. Tina had 56 stickers and Jenny had some stickers. After Tina had given 8 stickers to Jenny, the ratio of the number of Tina's stickers to Jenny's became 4 : 3 .
- (a) How many stickers did Jenny have at first?
(b) How many stickers did they have altogether?

Ans: (a) _____ (4m)

(b) _____ (1m)

48. A sum of money is shared among Norman, Wayne and Patrick. Norman gets 16 % of the money and Wayne gets 3 times as much as Patrick. Patrick gets \$126 less than Wayne.

- a) What percentage of the sum of money does Wayne get?
- b) How much does Norman get?

Ans: (a) _____ (3m)

(b) _____ (2m)

49. $\frac{1}{5}$ of the people in a cinema are boys. The number of girls is $\frac{2}{5}$ of the number of boys. There are thrice as many women as girls. The number of men in the cinema is 140 more than the number of girls. How many people are there in the cinema?

Ans: _____ (5m)

- 50 Mr Chia earned \$2 for each racket he sold. He also earned an additional \$5 from his agent for every 15 rackets sold. How many rackets did he sell if he earned \$191?

Ans: _____ (5m)

END-OF-PAPER

TAO NAN SCHOOL
PRIMARY 5 MATHEMATICS
CONTINUAL ASSESSMENT 2 - 2004

CA 2

- | | |
|----------------|-------------------|
| 01. 2 | 11. 2 |
| 02. 4 | 12. 3 |
| 03. 3 | 13. 4 |
| 04. 3 | 14. (2) |
| 05. 4 | 15. 2 |
| 06. 3 | |
| 07. 2 | |
| 08. 4 | |
| 09. 3 | |
| 10. 1 | |
| 16) 108 | 36) 249° |
| 17) $7/25$ | 37) 72 |
| 18) 625.42 | 38) \$ 1213.25 |
| 19) 1800 | 39) \$ 1.20 |
| 20) 8.1 | 40) 12 |
| 21) 48 | 41) \$ 4920 |
| 22) 80 | 42) 49 |
| 23) 54 | 43) \$ 142 |
| 24) 1 h 57 min | 44) \$ 3.20 |
| 25) 364.20 | 45) \$ 1.80 |
| 26) 3869 | 46) 14 litres |
| 27) 5 | 47) a) 28 |
| 28) 25 | b) 84 |
| 29) 67 | 48) a) 63% |
| 30) 4.2 litres | b) \$ 48 |
| 31) 56 | 49) 350 |
| 32) South | 50) 83 |
| 33) 11.11 | |
| 34) $5/8$ | |
| 35) 14 | |