



CA2

AI TONG SCHOOL

2005

CONTINUAL ASSESSMENT 2

PRIMARY 5

MATHEMATICS

DURATION : 2 HR 15MINS

DATE: 23 AUGUST 2005

INSTRUCTIONS

Do not open the booklet until you are told to do so.

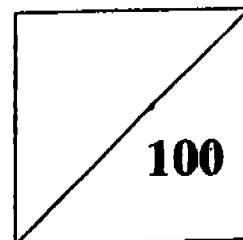
Follow all instructions.

Answer all questions.

Name : _____ ()

Class : Primary 5 _____

Marks:



Parent's Signature	:	_____
Date	:	_____

39

Booklet A (20 MARKS)

Questions 1 to 10 carry 1 mark each.

Questions 11 to 15 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

1. How many hundreds are there in 9 000 000?

- (1) 90 (2) 900
(3) 9 000 (4) 90 000

2. The product of 367 and 40 is _____.

- (1) 2 680 (2) 14 480
(3) 14 680 (4) 14 980

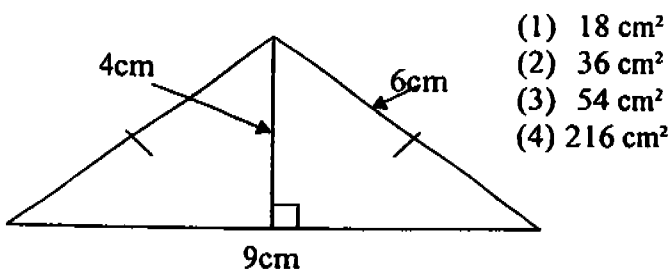
3. $\frac{4}{5} \div 9$ is the same as _____.

- (1) $4 \div 5 \times 9$ (2) $5 \div 4 \times 9$
(3) $4 \div 5 \div 9$ (4) $9 \div 5 \times 4$

4. What is the sum of $2\frac{1}{4}$ and $3\frac{3}{8}$?

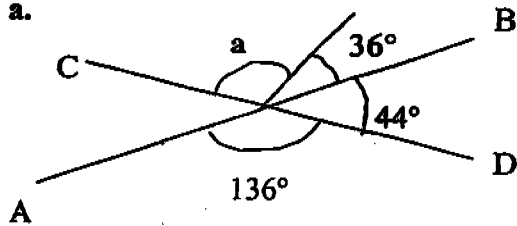
- (1) $1\frac{1}{8}$ (2) $4\frac{1}{2}$
(3) $5\frac{1}{2}$ (4) $5\frac{5}{8}$

5. Find the area of the following triangle.



6. The following figure is not drawn to scale. AB and CD are straight lines. Find

$\angle a$.



- (1) 80° (2) 100°
(3) 136° (4) 170°

7. Write $10 + \frac{1}{10} + \frac{3}{1000}$ as a decimal.

- (1) 10.013 (2) 10.103
(3) 10.130 (4) 10.310

8. What percentage of 2 kg is 120g?

- (1) 6% (2) 12%
(3) 24% (4) 48%

9. What is the average number of pupils for the 3 classes if class 5A has 40 pupils, class 5B has 41 pupils and class 5C has 42 pupils?

- (1) 40 (2) 41
(3) 42 (4) 43

10. Michael is paid \$25.50 for working 6 hours in a fastfood restaurant . How much is he paid per hour?

- (1) \$2.50 (2) \$4.25
(3) \$4.50 (4) \$5.25

40

11. Which number when divided by 4 gives a quotient of 60 and a remainder of 2?

(1) 62

(2) 240

(3) 242

(4) 245

12. A string is 3m long. If it is cut into 2 pieces in the ratio of 3:5, what is the length of the shorter piece?

(1) 37.5cm

(2) 112.5cm

(3) 187.5cm

(4) 215.5cm

13. If 1 kg of durian costs \$5.40, how much do 3kg of durian cost?

(1) \$ 1.80

(2) \$ 3.00

(3) \$10.40

(4) \$16.20

14. 20% of a number is 40. What is the number?

(1) 20

(2) 80

(3) 100

(4) 200

15. The average of 7 numbers is 92. If the sum of 6 numbers is 592, what is the 7th number?

(1) 52

(2) 94

(3) 104

(4) 244

41

Name : _____ ()

Class : Primary 5 _____

Booklet B (30 MARKS)

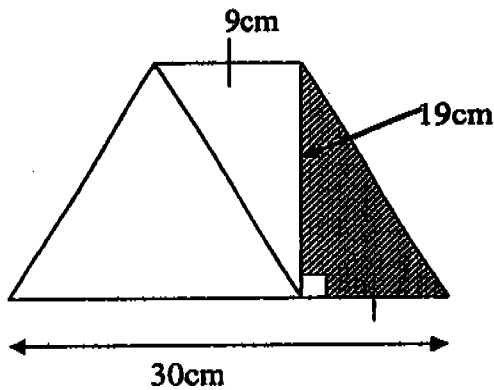
Questions 16 to 25 carry 1 mark each.

Questions 26 to 35 carry 2 marks each.

Show your working clearly in the space below each question and write your answers on the blanks provided. For questions which require units, give your answers in the units stated.

16. Express 450g as a fraction of 1kg. Reduce your answer to its lowest term.

17. Find the area of the shaded triangle.

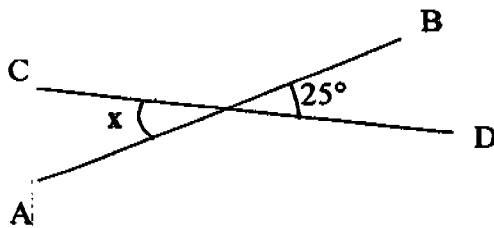


_____ cm²

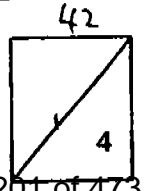
18. Mary and Jane shared \$416 in the ratio of 5 : 3. How much money did Mary receive?

\$ _____

19. Line AB and CD are straight lines. Find $\angle x$.



$\angle x =$ _____ $^{\circ}$



20. Express 5.25 as an improper fraction. Reduce your answer to its lowest term.

21. How many minutes is $\frac{1}{5}$ hour?

_____ min

22. Find the value of 52% of 350g.

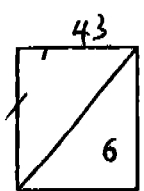
_____ g

23. The average of 3 numbers is 43. Find the sum of the numbers.

24. A photocopier can print 90 copies in 100 seconds. How many copies can it print in 1 minute?

25. A litre of petrol costs \$1.34. What is the cost of filling a car with 30 litres of petrol?

\$ _____



26. Find the value of $44 \div (15 - 4) \times 5$.

27. Mr. Lee spent $\frac{3}{7}$ of his money on a keyboard and $\frac{1}{4}$ of the remaining money on a mouse.

If he had \$60 left, how much money did he have at first?

\$ _____

28. Siti took part in a 2.4km run. She was $1\frac{1}{4}$ km from the finishing line. How far had she run?

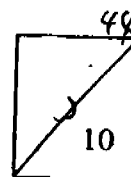
_____ km

29. The area of a rectangle is 108cm^2 . If the ratio of breadth to its length is 3:4, find the perimeter of the rectangle.

_____ cm

30. Mrs Tan needs 0.125kg of flour to bake a pie. How much flour does she need to bake 11 such pies?

_____ kg



31. Esther bought 1.5 litres of orange juice. She drank 300ml and poured the rest equally into 4 jugs. How much orange juice was there in 1 jug?

_____ litres

32. Jane has \$5000 in a bank. If the bank pays 2% interest per year, how much will she have in her bank after 1 year?

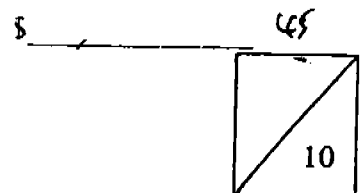
\$ _____

33. There are 300 red apples and green apples. If 60 of them are red apples and the rest are green apples, what percentage of the apples is green?

_____ %

34. The average of 8 numbers is 364. If we put 2 more numbers into the group with an average of 27, what is the average of all the numbers?

35. Mei Mei made a call to China that charged \$0.30 per minute or part thereof. What is the charge for a call which lasts for 5 min 20s?



SECTION C (50 MARKS)

For questions 36 to 48, show your working clearly in the space below each question and write your answers in the space provided.

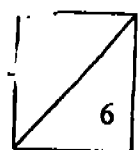
The number of marks awarded is shown in the brackets () at the end of each question.

36. Mrs Lim paid a total of \$10.90 for 3 kg of sugar and 4 kg of rice. Mrs Ng paid \$6 less for 1 kg of sugar and 2 kg of rice. How much did 1 kg of sugar and 1 kg of rice cost?

Answer _____ (3)

37. 2 bags of carrots weigh $\frac{3}{4}$ kg. What is the weight of 5 such bags of ~~potatoes?~~
carrots

Answer _____ (3)

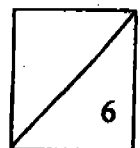


38. Ben and Carl have \$420 altogether. Ben's money is $\frac{3}{7}$ of Carl's money. How much money does Carl have?

Answer _____ (3)

39. Alan received \$100 pocket money and his brother Ben received \$20 less than Alan. How many per cent more pocket money did Alan get than Ben?

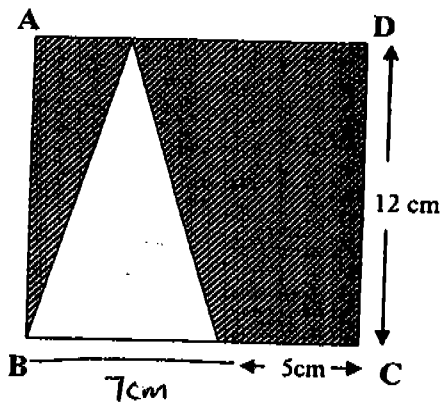
Answer _____ (3)



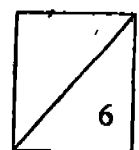
40. Mrs Low needs 300g of plain flour and 50 g of rice flour to make some pancakes. If she uses 420 g of plain flour, how much rice flour does she need?

Answer _____ (3)

41. ABCD is a square. Find the total area of the shaded portion.



Answer _____ (3) 48

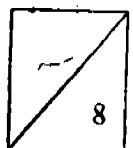


42. Ali is paid \$1.25 for every tree he plants. He also receives a bonus of \$5 for every 100 trees he plants. How many trees must Ali plant to earn \$690?

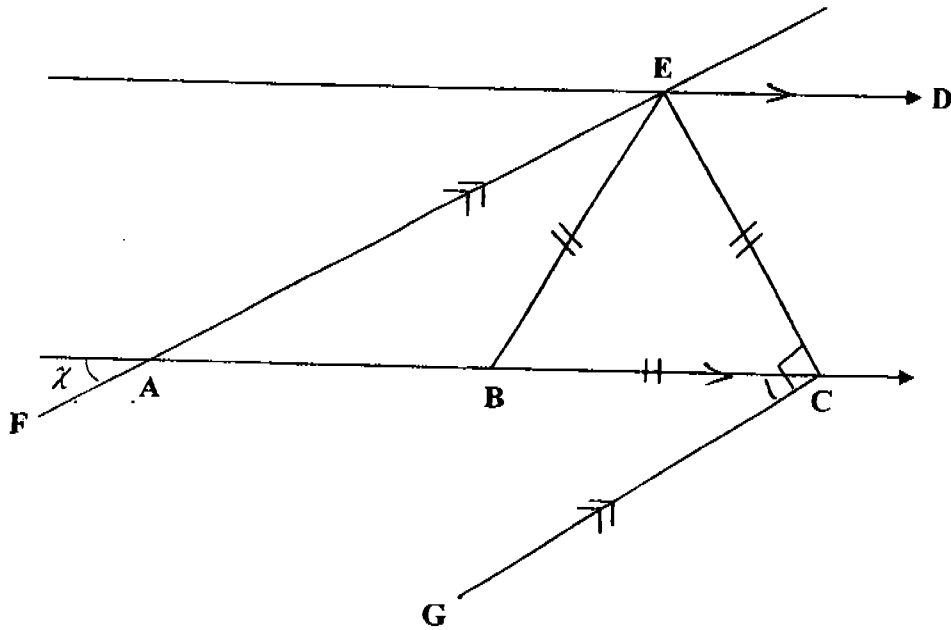
Answer _____ (4)

43. Ali and Ahmad have \$48 altogether. If Father gives Ahmad another \$6, Ali will have five times as much as Ahmad. How much money has each child at first?

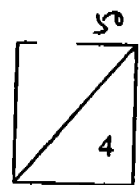
Answer _____ (4)



44. In the figure below, $ED \parallel BC$ and $EF \parallel CG$. Find angle $\angle \chi$

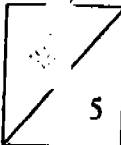


4) Answer _____



45. Mrs Chen bought 5 more pens than pencils. She spent a total of \$45. Each pencil cost \$1.20 and each pen cost \$0.60 more. How many pens did Mrs Chen buy?

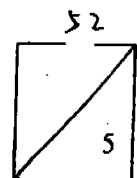
Answer $\xrightarrow{\hspace{1.5cm}}$ (5) 51



46. The ratio of Alan's total marks to that of Benji's total marks in their Mid-Year Examination was 4:5. Alan's marks increased by 50% in the End-of-Year Examination. By what percentage must Benji's marks be increased so that their total marks would be equal?

Answer _____ (5)

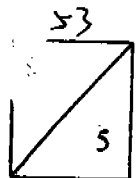
14



47. Mr Ng spent $\frac{1}{5}$ of his salary on his housing instalment, $\frac{2}{5}$ of the remainder on food, \$480 on transport and had \$960 left. What fraction of his salary was spent on transport?

Answer _____ (5)

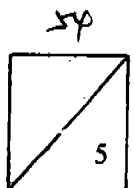
15



48. A shopkeeper packs 7.2 kg of rice flour into 24 packets. $\frac{3}{4}$ of the rice flour is packed equally into 20 packets. The remaining rice flour is packed equally into bigger packets. What is the difference in weight between a big packet and a small packet of rice flour?

End of Paper

Answer _____ (5)



Ai Tong Primary School
Primary 5 Maths CA2 Exam (2005)

Exam Solutions

Answer Sheets

Q1	Q2	Q3	Q4	Q5
4	3	3	4	1
Q6	Q7	Q8	Q9	Q10
2	2	1	2	2
Q11	Q12	Q13	Q14	Q15
3	2	4	4	1

- | | |
|---|---|
| <p>16. $\frac{9}{20}$</p> <p>17. 85.5</p> <p>18. 260</p> <p>19. 25</p> <p>20. $\frac{21}{4}$</p> <p>21. 12</p> <p>22. 182</p> <p>23. 129</p> <p>24. 54 copies</p> <p>25. 40.20</p> <p>26. 20</p> <p>27. 140</p> <p>28. 1.15</p> <p>29. 42cm</p> <p>30. 1.375</p> <p>31. 0.3</p> <p>32. 5100</p> | <p>33. 80</p> <p>34. 296.6</p> <p>35. 1.80</p> <p>36. \$3</p> <p>37. $1\frac{7}{8}$ kg</p> <p>38. \$294</p> <p>39. 25%</p> <p>40. 70g</p> <p>41. 102cm²</p> <p>42. 532 trees</p> <p>43. Ali = \$45 Ahmad = \$3</p> <p>44. 30°</p> <p>45. 17 pens</p> <p>46. 20%</p> <p>47. $\frac{4}{25}$</p> <p>48. 180g</p> |
|---|---|