



CA2

AI TONG SCHOOL

2005

CONTINUAL ASSESSMENT 2

PRIMARY 4

MATHEMATICS

DURATION : 1 h 45 min

DATE: 23 August 2005

INSTRUCTIONS

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

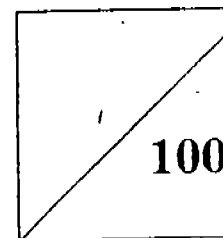
Follow all instructions.

Answer all questions.

Name : _____ ()

Class : Primary 4 _____

Marks:



Parent's Signature : _____

Date : _____

6. $4\frac{3}{12}$ as an improper fraction is _____ .

- (1) $\frac{7}{12}$ (2) $\frac{19}{12}$
(3) $\frac{51}{12}$ (4) $\frac{144}{12}$

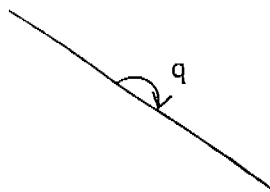
7. If $\frac{11}{12} \times 32 = \frac{\square}{3}$, the missing numerator is

- (1) 352 (2) 88
(3) 11 (4) 8

8. $1 - \frac{1}{8} - \square = \frac{1}{2}$

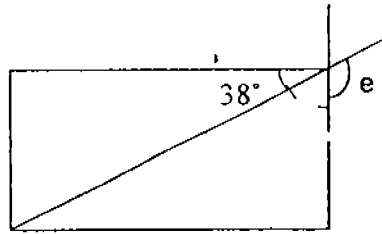
- (1) $\frac{3}{8}$ (2) $\frac{1}{2}$
(3) $\frac{3}{4}$ (4) $\frac{7}{8}$

9. How many of the \sphericalangle q below will make up 4 complete turns?



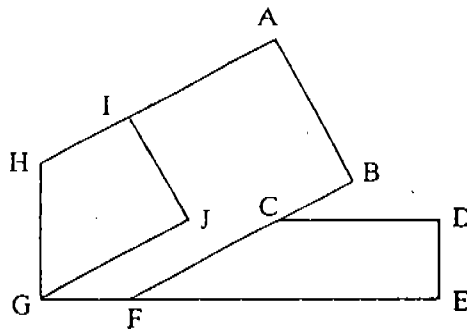
- (1) 5 (2) 6
(3) 7 (4) 8

10. In the figure below, $\angle e$ is _____.



- (1) 138° (2) 142°
 (3) 128° (4) 232°

11. In the diagram below, which line is both perpendicular to GJ and parallel to AB?

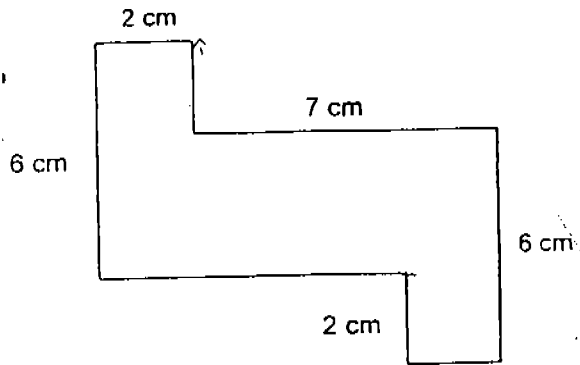


- (1) FB (2) IJ
 (3) DC (4) AH

12. A square of sides 8 cm each has the same area as a rectangle. If the length of the rectangle is 16 cm, what is its breadth?

- (1) 2 cm (2) 4 cm
 (3) 12 cm (4) 24 cm

13. Find the perimeter of the figure shown.



- (1) 21 cm (2) 23 cm
(3) 34 cm (4) 37 cm

14. 4.60 written as a mixed number is

- (1) $\frac{46}{100}$ (2) $4\frac{6}{100}$
(3) $4\frac{46}{100}$ (4) $4\frac{6}{10}$

15. Find the quotient of 85.2 and 8

- (1) 1.65 (2) 10.6
(3) 10.65 (4) 16.5

16. In 186.42, there are _____ hundredths.

- (1) 2 (2) 42
(3) 186 (4) 18642

17. The difference between $\frac{2}{5}$ and $\frac{1}{4}$ is
- (1) 0.15 (2) 0.18
(3) 0.21 (4) 0.3
18. $\frac{3}{4} + 0.25 = \boxed{}$. The missing number in the box is _____.
- (1) 0.75 (2) 1
(3) 3.25 (4) 3.75
19. Express $\frac{52}{8}$ as a decimal.
- (1) 6.4 (2) 6.5
(3) 7.5 (4) 7.8
20. Michael cuts a stick of length 0.48 m into 3 equal pieces. What is the length of one piece?
- (1) 0.16 m (2) 0.24 m
(3) 1.44 m (4) 3.86 m

Section B (20 × 2 marks)

For each question, write the correct answer in the blank provided.

21. How many tens must be added to 2 560 to make 3 260?

Answer: _____

22. Find the product of the third and fourth common factors of 36 and 54

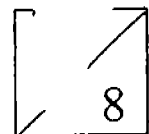
Answer: _____

23. Julie had 28 stickers. Susie had 3 times as many as she and Bob had half of Susie's. How many stickers do they have altogether?

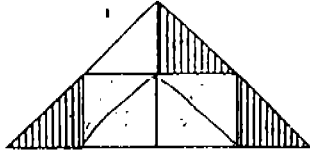
Answer: _____

24. Mike is 11 years old. His father is four times as old as he. How old will Mike be when his father is 55 years old?

Answer: _____



25. The figure shows an isosceles triangle. What fraction of this figure is shaded?



Answer: _____

26. What must be subtracted from $\frac{7}{12}$ to give $\frac{1}{4}$?
(Express your answer in the simplest form.)

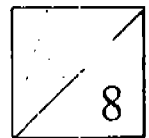
Answer: _____

27. $\frac{3}{4} \times 8$ is the same as $\frac{2}{3} \times$ _____

Answer: _____

28. There are 420 people at the book fair. $\frac{3}{7}$ of them are children. $\frac{1}{3}$ of the remainder are men. How many women are there?

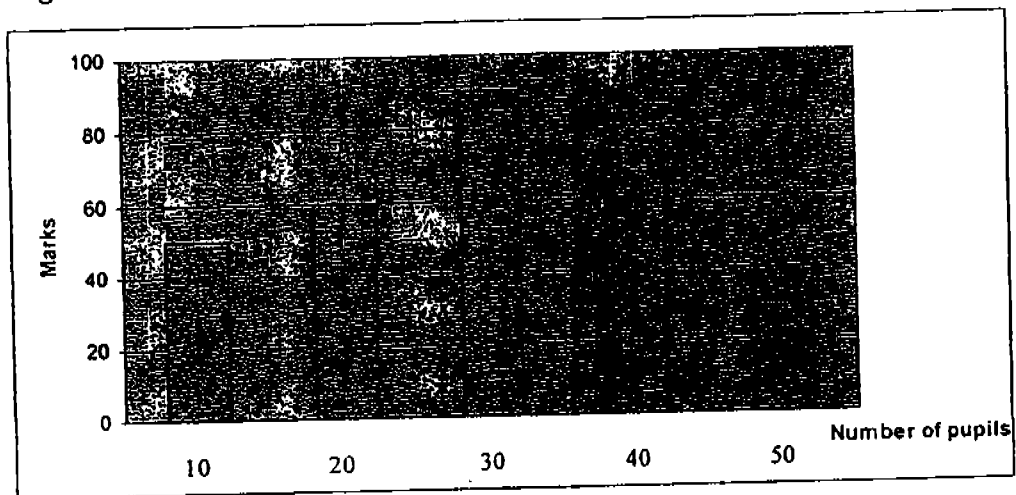
Answer: _____



29. How many right angles are there in $2\frac{3}{4}$ rotations?

Answer: _____

The following graph shows the marks obtained by a group of pupils for an English test.

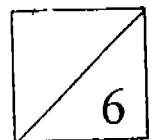


30. The total number of pupils who took the English test is _____.

Answer: _____

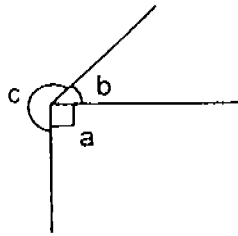
31. If the passing mark is 60, how many pupils have actually failed the English test?

Answer: _____



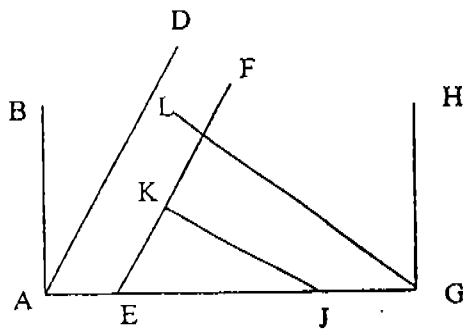
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32. If $\angle b$ is half of angle $\angle a$, find $\angle c$.



Answer: _____

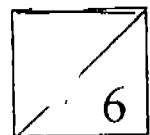
33. Name a line that is perpendicular to EF



Answer: _____

34. A piece of cardboard measures 20 cm by 40 cm. If it is cut into 10-cm squares, how many squares are there?

Answer: _____



35. The perimeter of a rectangle is 32 cm. If one of its sides is 12 cm, what would be its area?

Answer: _____ cm^2

36. $84.170 = 77 + 7 + \frac{1}{10} + \frac{\boxed{}}{100}$

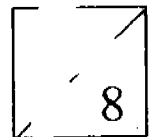
Answer: _____

37. Find the product of 52.63 and 6, correct to the nearest tenth.

Answer: _____

38. A rope is 9.25 m long. It is cut into two pieces. One piece is $3\frac{1}{5}$ m long. What is the length of the other piece? Round off the answer to 1 decimal place.

Answer: _____ m

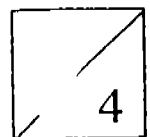


39. The mass of two boxes is 12.6 kg. The mass of box A is 5.23 kg. How much heavier is box B than box A?

Answer: _____ kg

40. A bottle contains 0.75 l of orange juice. How much orange juice will 9 such similar bottles contain?

Answer: _____ l



Section C : (5 × 4 marks)

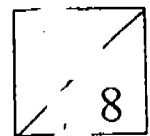
Work out these problems carefully. Show your workings and statements clearly.

41. William had a certain number of marbles. He gave 47 of them to Bala and 38 to Seth. He then bought another 45 marbles. If he had 68 marbles left, how many marbles did he have at first?

42. Three T-shirts cost \$20 and two pairs of shorts cost \$26. Find the total cost of a dozen T-shirts and 10 pairs of shorts.

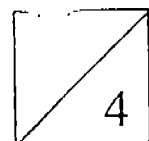
43. George earned \$270 in 6 days. If he spent $\frac{5}{9}$ of it and saved the rest, how much did he save in one day?

44. The perimeter of a rectangle is twice the perimeter of a square. The length of the square is 7 cm and the breadth of the rectangle is 8 cm. Find the length of the rectangle.



45. 4 mangoes and 5 papayas cost \$14. If 1 mango and 1 papaya cost \$3.20, find the cost of 1 mango.

End of Paper



AI TONG SCHOOL
2005 CONTINUAL ASSESSMENT 2
PRIMARY FOUR
MATHEMATICS

CA2

- | | |
|-------------------|-----------------|
| 1) 4 | 28) 160 |
| 2) 3 | 29) 11 |
| 3) 2 | 30) 150 |
| 4) 2 | 31) 60 |
| 5) 3 | 32) 225 |
| 6) 3 | 33) KJ |
| 7) 2 | 34) 8 |
| 8) 1 | 35) 48 |
| 9) 4 | 36) 7 |
| 10) 3 | 37) 315.8 |
| 11) 2 | 38) 6.1 |
| 12) 2 | 39) 2.14 |
| 13) 3 | 40) 6.75 |
| 14) 4 | 41) 108 marbles |
| 15) 3 | 42) \$ 210 |
| 16) 4 | 43) \$ 20 |
| 17) 1 | 44) 20 cm |
| 18) 2 | 45) \$ 2 |
| 19) 2 | |
| 20) 1 | |
| 21) 70 | |
| 22) 18 | |
| 23) 154 | |
| 24) 22 | |
| 25) $\frac{3}{8}$ | |
| 26) $\frac{1}{3}$ | |
| 27) 9 | |