



AI TONG SCHOOL

2013

CONTINUAL ASSESSMENT 2

PRIMARY 4

MATHEMATICS

DURATION : 1 h 45 min

DATE : 23rd August 2013

INSTRUCTIONS

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

Follow all instructions.

Answer all questions.

Name : _____ ()

Class : Primary 4 _____

Parent's Signature : _____
Date : _____

Section A	28
Section B	40
Section C	32
Total	100

Section A

Questions 1 to 14 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 with a 2B pencil. (28 marks)

1 The value of the digit 7 in 25 703 is _____.

- (1) 70 ones
- (2) 70 tens
- (3) 70 hundreds
- (4) 70 thousands

2 Express $\frac{4}{5}$ as a decimal.

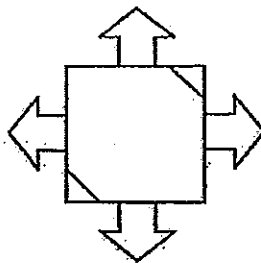
- (1) 0.08
- (2) 0.18
- (3) 0.45
- (4) 0.80

3 A park has a jogging track of 1537 m. Tammy jogs 3 times round it. What is the total distance he has jogged?

- (1) 3159 m
- (2) 3611 m
- (3) 4591 m
- (4) 4611 m

4 How many line of symmetry does the figure have?

- (1) 1
- (2) 2
- (3) 3
- (4) 4



5 Which one of the following fractions is not equivalent to $\frac{4}{7}$?

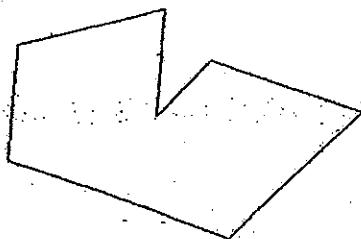
(1) $\frac{8}{14}$

(2) $\frac{12}{21}$

(3) $\frac{20}{35}$

(4) $\frac{24}{49}$

6 How many pairs of parallel lines are there in the figure below?



(1) 1

(2) 2

(3) 3

(4) 4

7 Which of the following statements is correct?

(1) 4 is a factor of 38.

(2) 6 is a factor of 72.

(3) 8 is a common factor of 72 and 84.

(4) 9 is a common factor of 38 and 72.

- 8 7 tens 3 ones 4 tenths 2 thousandths is equal to _____.
- (1) 73.042
 - (2) 73.402
 - (3) 703.042
 - (4) 703.420
- 9 957 thousandths rounded off to 2 decimal places is _____.
- (1) 9.57
 - (2) 1.00
 - (3) 0.90
 - (4) 0.96
- 10 Amy spent \$23.55 on a pair of shoes and \$3.95 on a pair of socks. How much had she left if she had \$50 at first?
- (1) \$22.50
 - (2) \$26.45
 - (3) \$27.50
 - (4) \$46.05
- 11 37 532 visitors visited the S.E.A Aquarium on Sunday. This was 7200 more than the number of visitors on Saturday. How many visitors visited the S.E.A Aquarium on Saturday and Sunday?
- (1) 30 332
 - (2) 44 732
 - (3) 67 864
 - (4) 82 264

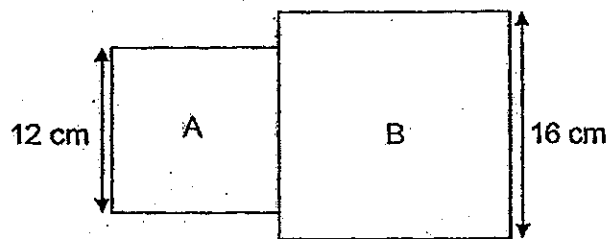
12 Cherie saves the same amount every day. If she saves 60 cents in 2 days, how much will she save in 10 days?

- (1) \$ 0.30
- (2) \$ 3.00
- (3) \$ 6.00
- (4) \$12.00

13 Raja ate $\frac{1}{5}$ of the pizza in the morning. He ate $\frac{7}{10}$ of the same pizza in the afternoon. What fraction of the pizza was left?

- (1) $\frac{1}{10}$
- (2) $\frac{3}{10}$
- (3) $\frac{4}{5}$
- (4) $\frac{9}{10}$

14 The figure below is made up of 2 squares, A and B. What is the perimeter of the figure?



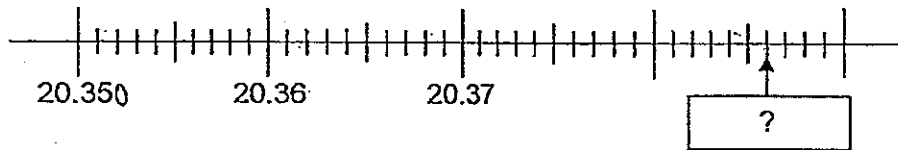
- (1) 64 cm
- (2) 88 cm
- (3) 100 cm
- (4) 112 cm

Section B

Questions 15 to 34 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(40 marks)

15 What is the missing number in the box?



Ans: _____

16 Find the value of 134 divided by 7. Round off the answer to 1 decimal place.

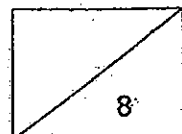
Ans: _____

17 What is the product of 95 and 59?

Ans: _____

18 What is the difference between the second multiple of 8 and the fifth multiple of 9?

Ans: _____



- 19 There are 396 people at a family day carnival. How many children are there if every family has only 2 adults and 1 child?

Ans: _____

- 20 What is the sum of 60 thousands, 66 hundreds and 6 tens?

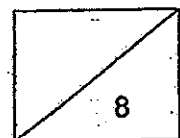
Ans: _____

- 21 The length of a rope is 23.27 m. What is the length of 5 such ropes?

Ans: _____ m

- 22 Caleb has 229 beads. He has 23 beads more than Jessie. Britney has twice as many beads as Jessie. How many beads does Britney have?

Ans: _____



26 How many eighths are there in $3\frac{1}{4}$?

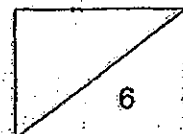
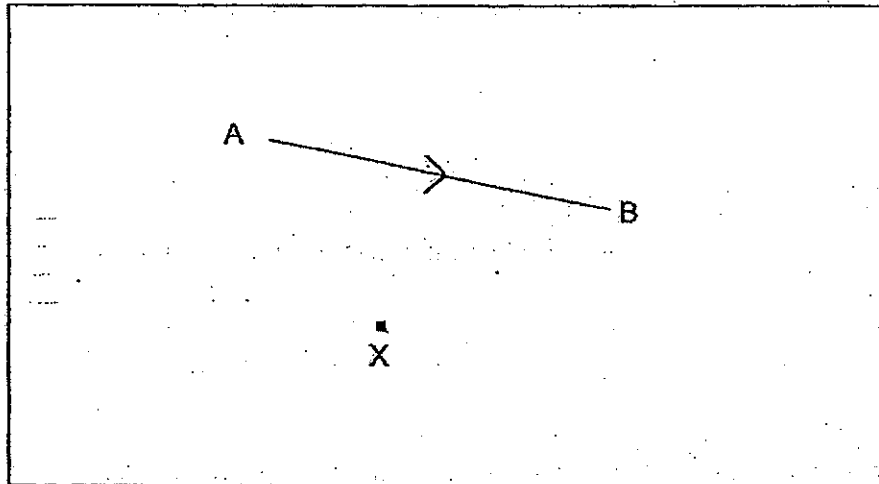
Ans: _____

27 How many pairs of perpendicular lines are there in the figure below?



Ans: _____

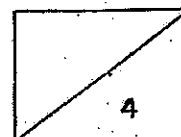
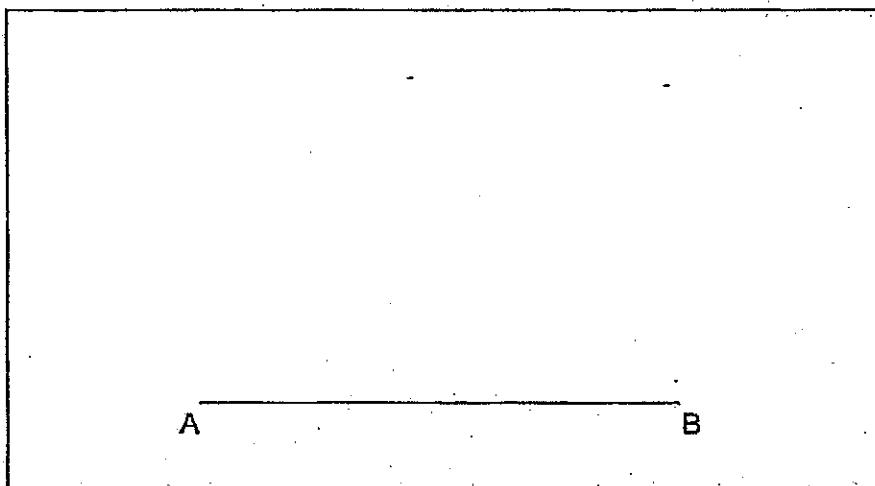
28 Draw and label Line EF, passing through point X, such that it is parallel to Line AB.



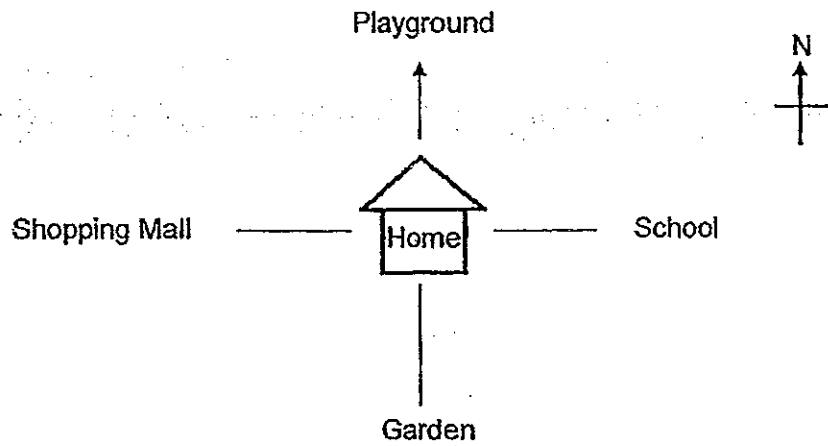
- 29 Sally collected 140 beads. She gave 28 of them to her sister and some beads to Grace. She then found that she had $\frac{1}{2}$ of the beads left. How many beads did she give to Grace?

Ans: _____

-
- 30 Given line AB, draw and label $\angle ABC$, such that it is 38° .

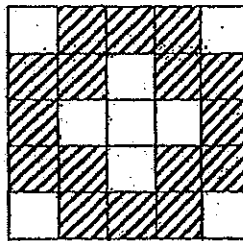


- 31 Simon is at home. His house door is facing south-west. If he were to make a 135° turn anti-clockwise after stepping out of the house, where would he be facing?

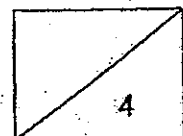


Ans: _____

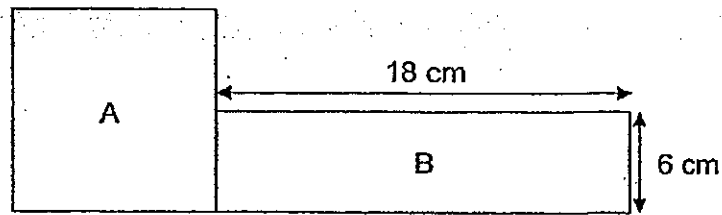
- 32 The figure below is made up of identical 1-cm squares. Find the perimeter of the shaded part:



Ans: _____ cm



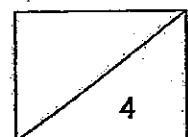
- 33 The figure below is made up of Square A and Rectangle B. The length of Square A is twice the breadth of the Rectangle B. Find the area of the whole figure.



Ans: _____ cm²

- 34 Sam has a green rod which measures $\frac{1}{5}$ m long and Jamie has a yellow rod which is 3.52 m longer than Sam's rod. What is the total length of their rods?
(Give your answer as a decimal.)

Ans: _____ m



Section C

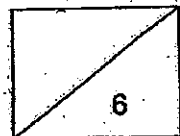
Questions 35 to 38 carry 3 marks each. Questions 39 to 43 carry 4 marks each. Show your working clearly in the space provided below each question and write your answers in the spaces provided. (32 marks)

- 35 Simeji bought 7 packets of apples and 3 packets of pears for \$38.50. The cost of a packet of pears is 50 cents more than a packet of apples. How much is 10 packets of apples?

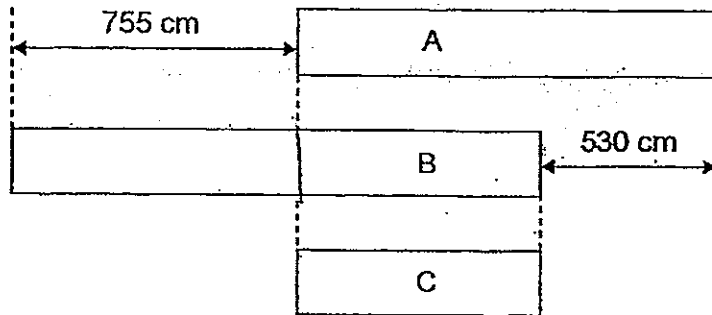
Ans: _____ [3]

- 36 Sally had 15 kg of flour. She used $\frac{3}{5}$ of it to bake a few cakes and gave $\frac{2}{5}$ kg to her sister to bake cookies. How much flour had she left?

Ans: _____ [3]



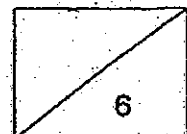
- 37 The diagram below shows 3 bars, A, B and C. Given that the total length of the 3 bars is 3520 cm, find the length of bar C.



Ans: _____ [3]

- 38 Mrs Teh bought 30.05 m of cloth. After sewing a bed cover and 4 pillow cases, she had 9.65 m of cloth left. She used 4.4 m of cloth for the bed cover. How many metres of cloth did she use for each pillow case?

Ans: _____ [3]



39 The total mass of John and David is 150.4 kg. The total mass of Roy and David is 138.6 kg. The total mass of the 3 boys is 216.4 kg

(a) What is the mass of David?

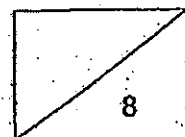
(b) What is the mass of John?

Ans: (a) _____ [3]

(b) _____ [1]

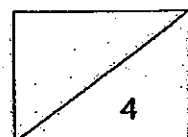
40 Jeremy has 541 stamps. Kelvin has 55 stamps less than Jeremy but has thrice as many stamps as Leo. How many more stamps do Kelvin and Leo have altogether than Jeremy?

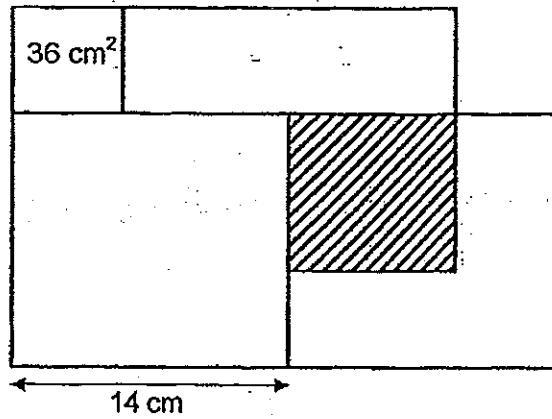
Ans: _____ [4]



- 41 Cally had some stickers. After giving $\frac{1}{5}$ of her stickers to Henry and 95 to Aileng, Cally had 105 stickers left. How many stickers did Cally have at first?

Ans: _____ [4]





The figure above is made up of 2 identical big squares, 1 medium shaded square, 1 small square and 1 rectangle.

(a) Given that the area of the rectangle is thrice the area of the small square, find the area of the rectangle.

(b) Find the perimeter of the shaded medium square.

Ans: (a) _____ [1]

(b) _____ [3]

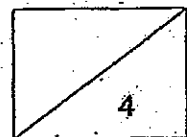




Figure 1

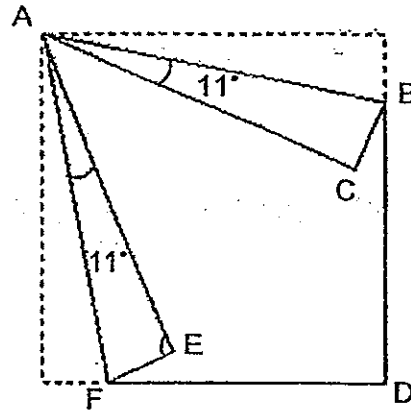


Figure 2

Lily had a piece of square paper as shown in Figure 1.
She folded the paper as shown in Figure 2. $\angle BAC = \angle EAF = 11^\circ$.

(a) Find $\angle CAE$.

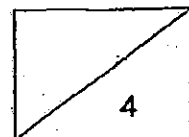
(b) Find $\angle AEF$.

Ans: (a) _____ [3]

(b) _____ [1]

End-of-paper

Please check your work carefully.



ANSWER SHEET

EXAM PAPER 2013

SCHOOL : AI TONG

SUBJECT : PRIMARY 4 MATHEMATICS

TERM : CA2

Section A

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

Section B

Q15. 20.386

Q16. 19.1

Q17. 5605

Q18. 29

Q19. 132

Q20. 66660

Q21. 116.35

Q22. 412

Q23. 3.050, 0.530, 0.503, $\frac{2}{5}$

Q24. $Y=3, Z=7$

Q26. 26

Q27. 6

Q29. 42

Q31. School

Q32. 32 cm

Q33. 252 cm^2

Q34. 3.92 m

Section C

Q35. $\$0.50 \times 3 = \1.50
 $\$38.50 - \$1.50 = \$37.00$

Ans: \$37.00

Q36. $3/5 \times 15 = 9$
used: 9kg
left: $15 - 9 = 6$
 $6 - 2/5 = 5 \frac{3}{5}$

Ans: $5 \frac{3}{5}$ kg

Q37. $755 + 530 = 1285$
 $3520 - 1285 = 2235$
 $2235/3 = 745$

Ans: 745cm

Q38. $30.05 - 4.4 = 25.65$
 $25.65 - 9.65 = 16.00$
 $16.00 / 4 = 4.00$

Ans: 4.00 cm

Q39. John + David \rightarrow 150.4kg
Roy + David \rightarrow 138.6kg
John + David + Roy \rightarrow 216.4kg
 $216.4 - 150.4 = 66.0$
Roy \rightarrow 66.0 kg
 $138.6 - 66.0 = 72.6$
David \rightarrow 72.6kg
 $216.4 - 138.6 = 77.8$
John \rightarrow 77.8kg

Ans: (a) 72.6kg
(b) 77.8kg

Q40. $541 - 55 = 486$
 $486 / 3 = 162$
 $486 + 162 = 648$
 $648 - 541 = 107$

Ans: 107

Q41. $105 + 95 = 200$
 $200 \rightarrow 4/5$
 $200 / 4 = 50$
 $200 + 50 = 250$

Ans: 250

Q42. a) $36 \times 3 = 108$
b) $6 \times 3 = 18$
 $6 + 8 = 14$
 $18 - 14 = 4$
 $4 + 4 + 4 + 4 = 16$

Ans: a) 108 cm^2
b) 16 cm

Q43. a) $90 - 22 = 68$
 $68 - 22 = 46$

Ans: a) 46°
b) 90°

