



PRIMARY 3 END-OF-YEAR EXAMINATION 2013

Name : _____ () Date: 24 October 2013

Class : Primary 3 ()

Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 80

MATHEMATICS

PAPER 1

(Booklet A & Booklet B)

Time for Paper 1 is **1 hour**.

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

Read and follow all instructions carefully.

Answer all questions.

Booklet A	10
Booklet B	40
Total for Paper 1	50



Paper 1: Booklet A (10 marks)

Questions 1 to 10 carry 1 mark 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 answer on the Optical Answer Sheet (OAS).

1. 7 thousands, 30 tens and 8 ones can be written as _____.

(1) 7 038

(2) 7 308

(3) -7 380

(4) 7 830

2. How many hundreds must be added to 3485 to make 8485 ?

(1) 5

(2) 50

(3) 500

(4) 5 000

3. 320 less than _____ is 4 510.

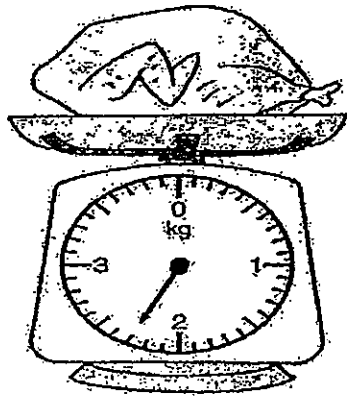
(1) 4 130

(2) 4 190

(3) 4 830

(4) 4 890

4. What is the mass of the chicken as shown in the figure ?



- (1) 2 kg 300 g
- (2) 2 kg 350 g
- (3) 2 kg 200 g
- (4) 2 kg 250 g

5. $1\text{ m} + 320\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

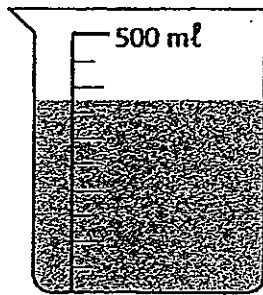
- (1) 321
- (2) 330
- (3) 420
- (4) 1 320

6. Complete the number sequence.

382 , 385 , 389 , , 400

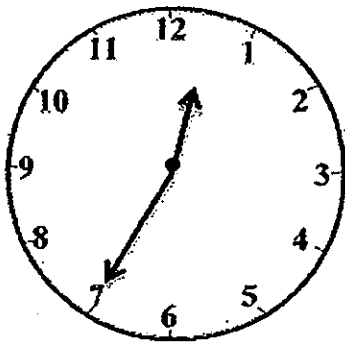
- (1) 392
- (2) 393
- (3) 394
- (4) 395

7. Estimate the volume of water in the beaker.



- (1) 400 ml
- (2) 380 ml
- (3) 350 ml
- (4) 330 ml

8. What is the time shown on the clock ?

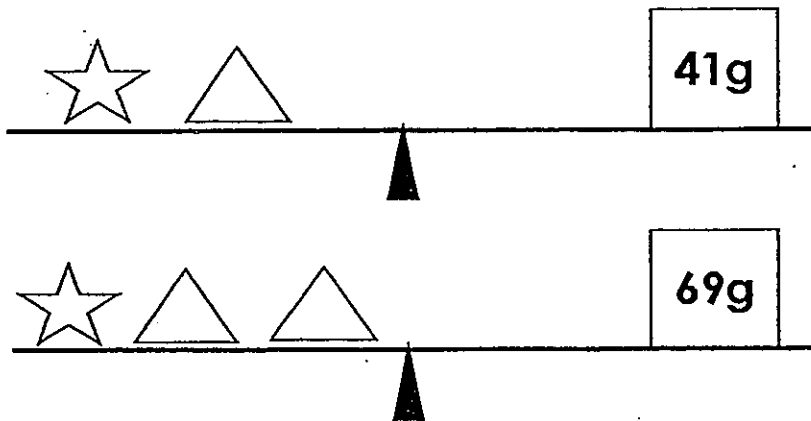



- (1) 7.03 p.m.
- (2) 7.05 p.m.
- (3) 12.07 p.m.
- (4) 12.35 p.m.

9. A DVD player costs \$500. A television set costs twice as much as the DVD player. How much do both items cost altogether?

- (1) \$1000
- (2) \$1500
- (3) \$2000
- (4) \$3000

10.



What is the mass of  ?

- (1) 13 g
- (2) 14 g
- (3) 22 g
- (4) 28 g

End of Booklet A

Name : _____ ()

Class : Primary 3 ()

Paper 1 : Booklet B (40 marks)

Each question carries 2 marks. Write your answers in the boxes provided.

Give your answers in the units stated.

11. Write 6 743 in words.

12. There are 6 red beads and 18 blue beads in a box. What fraction of the beads in the box are red ? Express your answer in its simplest form.

Ans :

13. A ribbon is 5 m long. It is used to tie 4 identical parcels and each parcel needs 55 cm of ribbon. What is the length of ribbon left ?

Ans :

cm

14. Use the digits below to form the **smallest 4-digit** number which is divisible by 5. Use each digit **once only**.

6 , 0 , 5 , 2

Ans :

15. The time taken by 3 friends to finish a race is shown below. Arrange the names of the friends, beginning with the fastest runner.

Paul: 55 min

Tom: 85 min

Steve: 1 h 10 min



Ans :

16. If $\heartsuit \heartsuit \heartsuit \heartsuit \heartsuit \heartsuit$ stand for 72, what do $\heartsuit \heartsuit \heartsuit \heartsuit$ stand for?

Ans :

17. $3755 \text{ ml} = 2 \text{ l } 5 \text{ ml} + \underline{\hspace{2cm}} \text{ ml}$

Ans :

	ml
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18. Ben bought sweets for \$9.60 and 3 bars of chocolate for \$1.50 each. If he had \$12.30 left, how much did he have at first ?

Ans :

\$

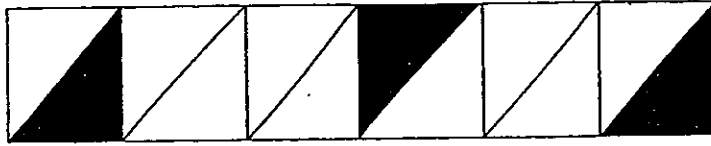
19. What are the values of A and B ?



Ans :

A : _____ B : _____

20. How many more triangles must be shaded so that $\frac{2}{3}$ of the entire figure is shaded ?

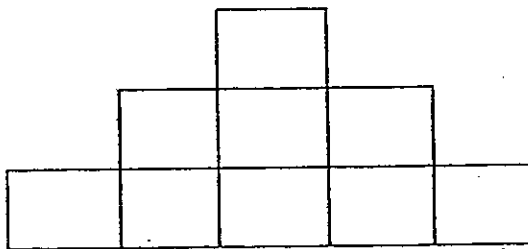


Ans :

21. What is the quotient when 285 is divided by 7 ?

Ans :

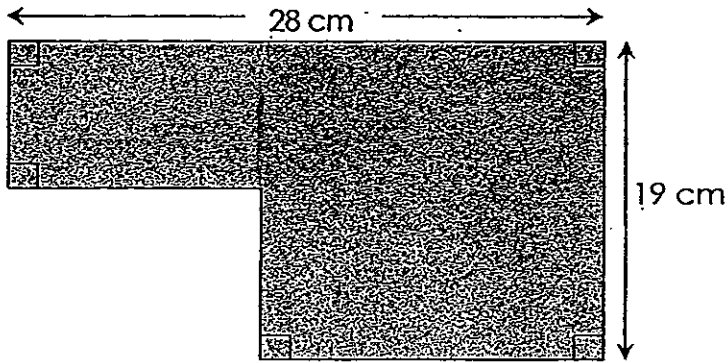
22. Sarah built a Lego structure consisting of 6 layers. Each layer had 2 more bricks than the layer above. How many bricks did she use ?



Ans :

bricks

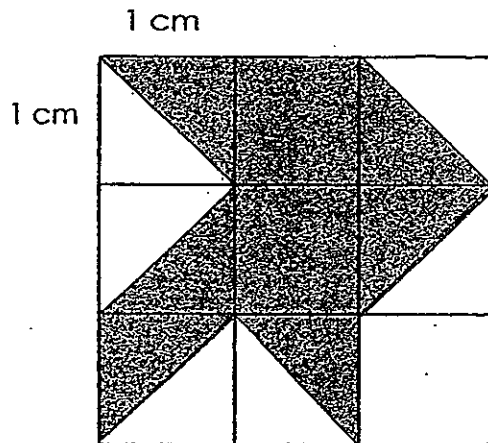
23. What is the perimeter of the figure below ?



Ans :

 cm

24. The figure is made up of equal squares. Each square has a side of 1 cm. Find the area of the shaded part of the figure.



Ans :

 cm²

25. The perimeter of a square is 28 cm. Find the area of the square.

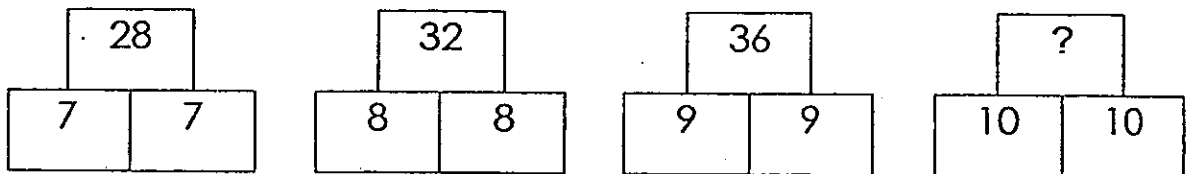
Ans:

 cm²

26. Some pupils lined in a row. Amy is the 4th person from the front and the 7th person from the back. How many pupils are there in the row altogether ?

Ans :

27. Observe the following pattern and find the missing number.



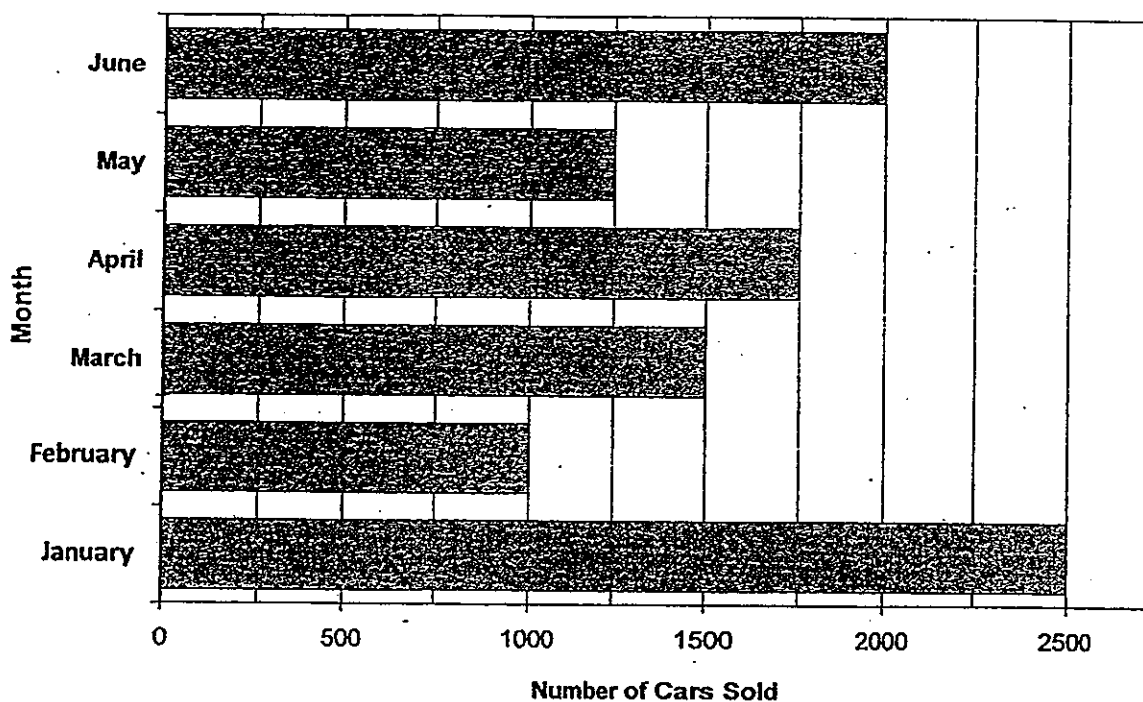
Ans :

28. Mary has 5 fifty-cent coins, 17 ten-cent coins and 13 five-cent coins in her coin box. How much money does Mary have in her coin box ?

Ans : \$

Study the graph carefully and answer questions 29 and 30.

The following graph shows the monthly sale of cars during the months of January to June 2013.



29. How many cars were sold in the months of April and May ?

Ans :

30. In which month was the number of cars sold twice that the number of cars sold in February ?

Ans :

End of Paper 1





PRIMARY 3 END-OF-YEAR EXAMINATION 2013

Name : _____ () Date: 24 October 2013

Class : Primary 3 ()

Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____ Marks: _____ / 30

MATHEMATICS

PAPER 2

Time for Paper 2 is **1 hour**.

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

Read and follow all instructions carefully.

Answer all questions.

Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

1. Bala ended his soccer training at 3.15 p.m.
The duration of his training was 1 hour 30 minutes.
What time did he start his training ?



Ans : _____

2. Mr Lim had 7 boxes of oranges. Each box contained 20 oranges. After selling half of the oranges, he packed the rest of them into bags of 5. How many bags did he get ?

Ans : _____

3. Ahmad keeps an equal number of \$2-notes and \$5-notes in a savings box. He has a total of \$182.

How many \$2-notes are there ?

Ans : _____

4. At the zoo, $\frac{3}{4}$ of the visitors were children and the rest were adults. There were 190 more children than adults.

How many visitors were there at the zoo altogether ?

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Ans : _____

5. 3 years ago, the total age of Alan and James was 98 years old. Alan is 12 years older than James. How old is James now ?

Ans : _____

6. Yesterday, Tom cycled 5 rounds around the park, covering a total distance of 20 km. Today, he decided to cycle 2 extra rounds. How far did he cycle today ?

Ans : _____

7. Eric, Ali and Lily have 108 stickers altogether. Ali has thrice as many stickers as Eric. Lily has 2 stickers less than Eric. How many stickers does Lily have ?

Ans: _____

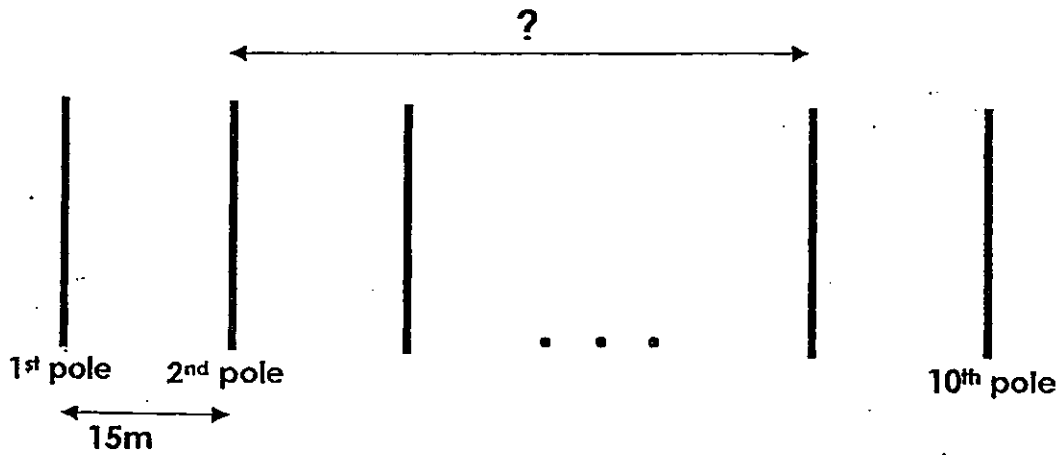
-
8. Mary has 86 more stamps than Ahmad. How many stamps must Mary give to Ahmad so that she will have 40 stamps more than him ?

Ans: _____

9. There are 10 poles placed at equal distances along a road.

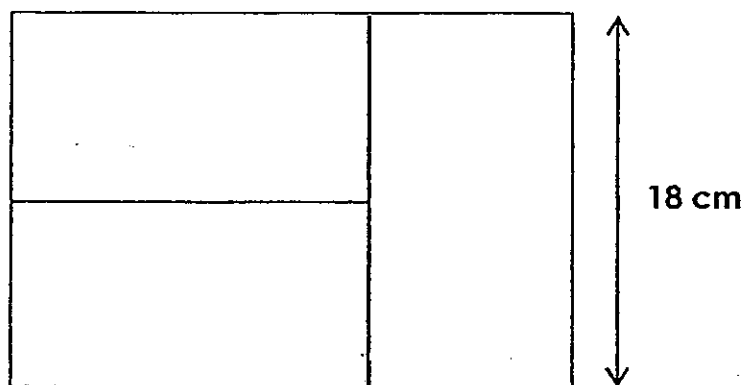
The distance between every two poles is 15 m.

What is the distance between the 2nd and 9th poles ?



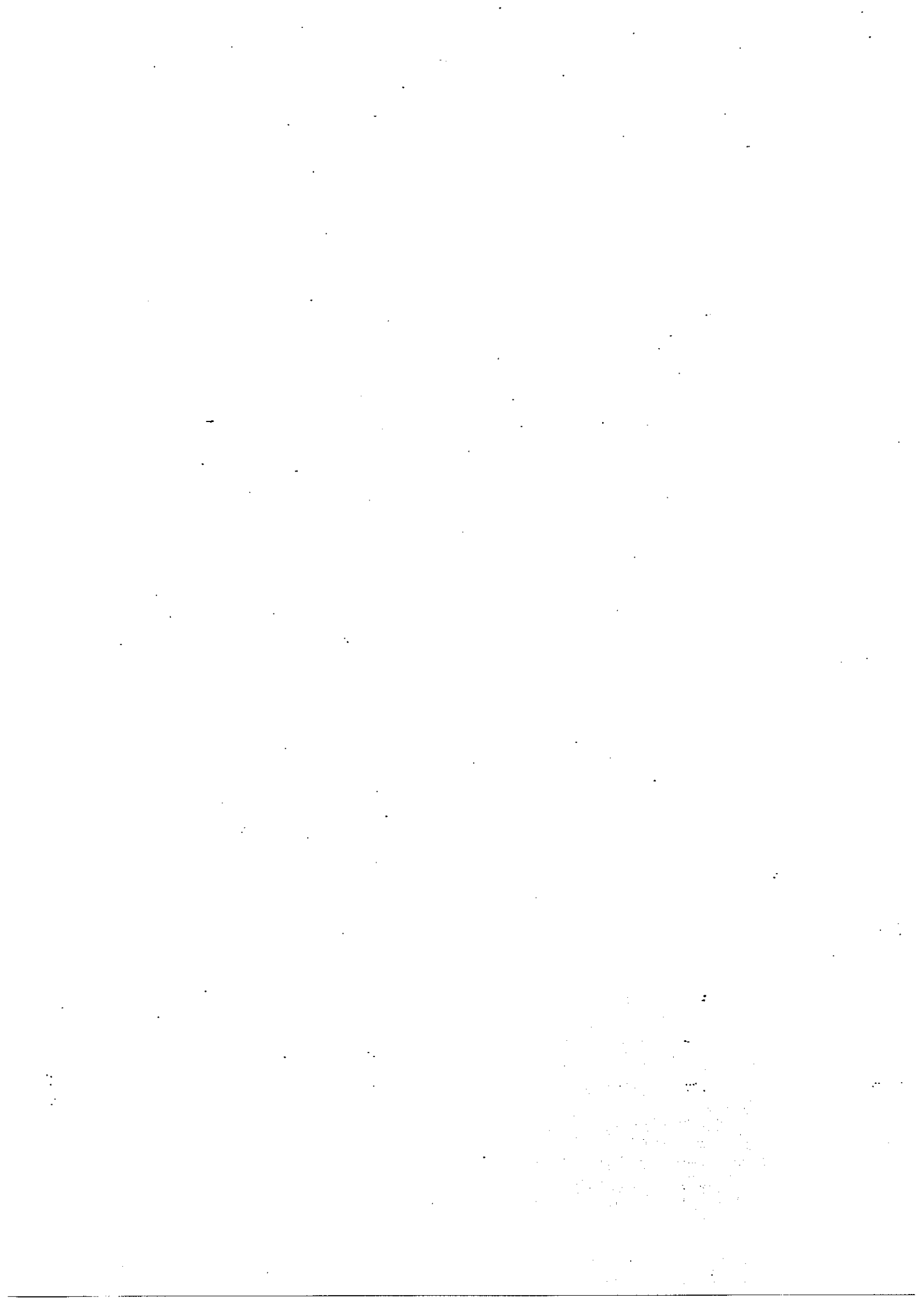
Ans : _____

10. The figure below is made up of 3 identical rectangular tiles.
What is the perimeter of 1 tile ?



Ans:

End of Paper 2



ANSWER SHEET

EXAM PAPER 2013

SCHOOL : TAO NAN PRIMARY SCHOOL

SUBJECT : PRIMARY 3 MATHS

TERM : SA2

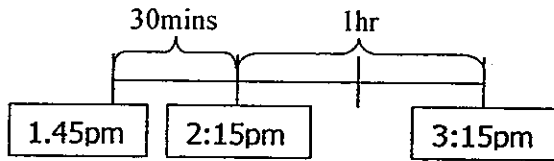
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	3	1	3	3	2	4	2	1

Paper 1

- Q11) Six thousand, seven hundred and forty-three
Q12) $\frac{1}{4}$
Q13) 280cm
Q14) 2065
Q15) Paul, Steve, Tom
Q16) 48
Q17) 1750ml
Q18) \$26.40
Q19) A: 34; B: 170
Q20) 5
Q21) 40
Q22) 36 Bricks
Q23) 94cm
Q24) 5 cm^2
Q25) 49 cm^2
Q26) 10 pupils
Q27) 40
Q28) \$4.85
Q29) 3000
Q30) June

Paper 2

Q1)



Bala started his training at 1:45pm

Q2) $7 \times 20 = 140$

$140 \div 2 = 70$

$70 \div 5 = 14$

He got 14 bags.

Q3)

No. of \$2	Total Value	No. of \$5	Total Value	Total amount
24	$24 \times 2 = \$48$	24	$24 \times 5 = \$120$	\$168
25	$25 \times 2 = \$50$	25	$25 \times 5 = \$125$	\$175
26	$26 \times 2 = \$52$	26	$26 \times 6 = \$130$	\$182

He had 26 \$2-notes.

Q4) $190 \div 2 = 95$

$95 \times 4 = 380$

There were 380 visitors altogether.

Q5) $98 \div 2 = 49$

$49 + 6 = 55$

$49 - 6 = 43$

$43 + 3 = 46$

James is 46 years old.

Q6) $20 \div 5 = 4$

$5 + 2 = 7$

$7 \times 4 = 28$

He cycled 28km today.

Q7) $108 \div 4 = 27$

$27 - 5 = 22$

$22 - 2 = 20$

Lily has 20 stickers

Q8) $86 - 40 = 46$

$46 \div 2 = 23$

Mary must give Ahmad 23 stamps

Q9) $9 - 2 = 7$

$7 \times 15 = 105\text{cm}$

The distance between the 2nd and the 9th pole is 105cm

Q10) $18 \div 2 = 9$

$18 \times 2 = 36$

$9 \times 2 = 18$

$36 + 18 = 54$

The perimeter of 1 tile is 54cm.

