Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2013
MATHEMATICS
PRIMARY TWO

Name: _____( ) Class: Primary 2 ___

Date: 25 October 2013 Duration of paper: 1 h 30 min

_____

Parent's/Guardian's signature

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Section A: Multiple Choice Questions (18 Questions x 2 marks)

For each question, four options are given. One of them is the correct answer. Choose the correct answer and write 1, 2, 3 or 4 in the given brackets. All diagrams are not drawn to scale unless otherwise stated.

1. In the number 506, the digit 0 is in the _____ place.

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

   ( )

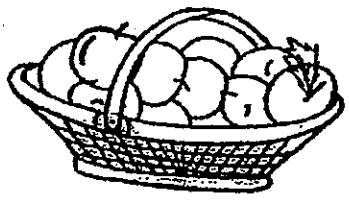
2. 20 less than 610 is _____.

   (1) 590
   (2) 608
   (3) 612
   (4) 630

   ( )

3. The mass of a basket of apples is about 2 _____.

   (1) m
   (2) cm
   (3) g
   (4) kg



   ( )

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4. $4 \times 10 = \boxed{?}$

What is the missing number in the box?

(1) 40
(2) 14
(3) 6
(4) 4 ( )

5. _____ quarters make 3 wholes.

(1) 12
(2) 7
(3) 6
(4) 4 ( )

6. Which of the following fractions is the smallest?

(1) $\frac{1}{6}$

(2) $\frac{1}{7}$

(3) $\frac{1}{3}$

(4) $\frac{1}{4}$ ( )

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7. Billy puts 2 five-dollar notes, 3 two-dollar notes and 2 ten-dollar notes in his piggy bank. How much money does he have in all?



(1) $7
(2) $16
(3) $26
(4) $36

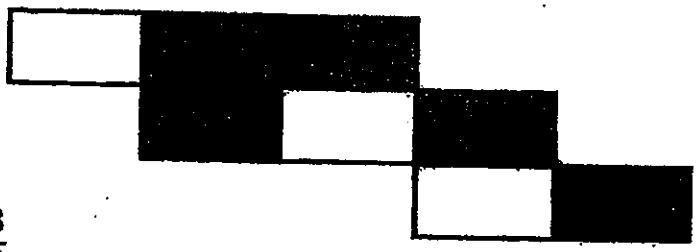
( )

8. 6 fours is the same as _____.

(1) 6 + 4
(2) 6 - 4
(3) 6 + 4 + 6 + 4
(4) 4 + 4 + 4 + 4 + 4 + 4

( )

9. What fraction of the following figure is **shaded**?



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

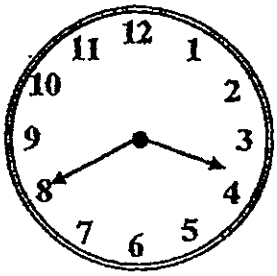
( )

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10. Add 259 to 698. The answer is _____.

(1) 847
(2) 857
(3) 947
(4) 957 ( )

11. What is the time shown on the clock?



(1) 3:40
(2) 4:40
(3) 8:15
(4) 8:20 ( )

12. Ali read some books in 15 days. He took 3 days to read each book. How many books did he read in all?

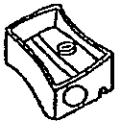


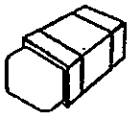
(1) 45
(2) 18
(3) 12
(4) 5 ( )

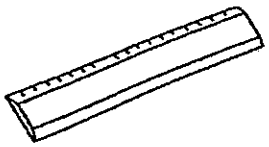
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13. Charles bought 2 items from the bookshop and spent 85¢ altogether. If the cost of the items sold in the bookshop is shown below, which 2 items did he buy?


pencil
30¢


sharpener
50¢


eraser
45¢


ruler
35¢

(1) sharpener and eraser
(2) sharpener and ruler
(3) eraser and pencil
(4) eraser and ruler ( )

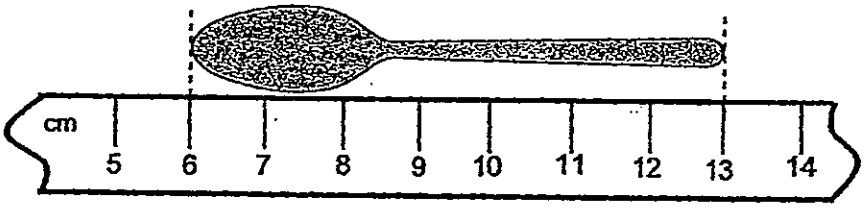
14. Study the number pattern below.
What is the missing number in the box?

17, 20, 24, 27, [?] , 34, 38, 41, 45

(1) 23
(2) 28
(3) 30
(4) 31 ( )

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15. Look at the pictures below.

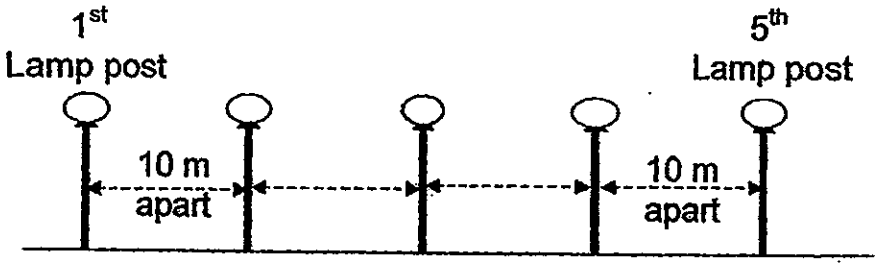


The length of the spoon is _____ cm.

(1) 6
(2) 7
(3) 8
(4) 13

( )

16. There are 5 lamp posts along a road. The distance between every 2 lamp posts is 10 m. If all the lamp posts are placed at equal distance, how far is the 3rd lamp post from the 5th lamp post?

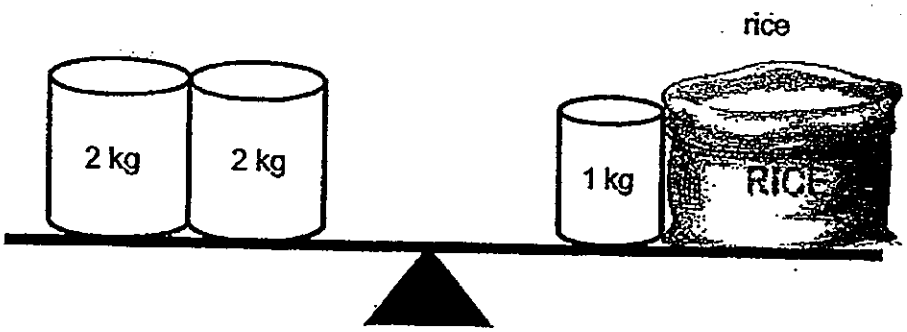


(1) 10 m
(2) 20 m
(3) 30 m
(4) 40 m

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17. Look at the pictures below.



The mass of the sack of rice is _____ kg.

(1) 5

(2) 2

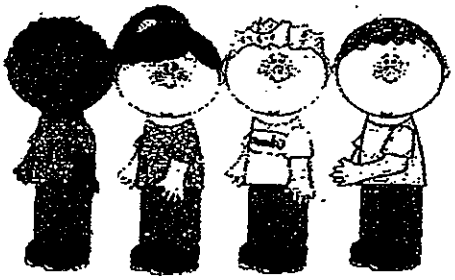
(3) 3

(4) 4

( )

18. Dan is last in the queue. Caili is between Adam and Ben.
Ben is between Caili and Dan.
Who is first in the queue?

Front



(1) Adam

(2) Ben

(3) Caili

(4) Dan

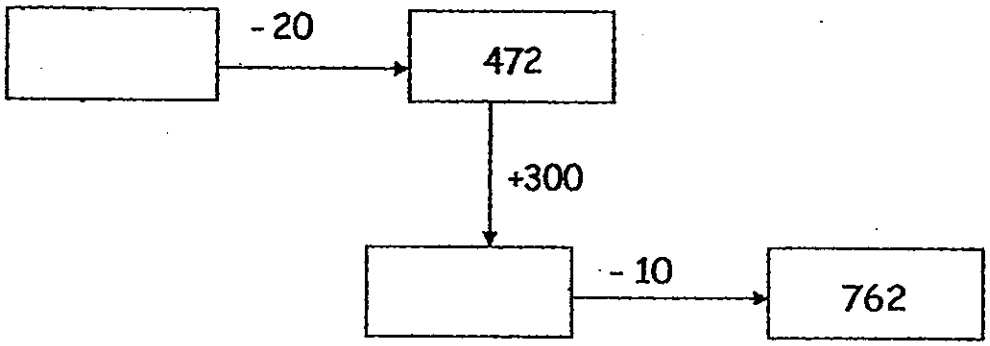
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Section B: Short Answers (17 Questions x 2 marks)

Questions 19 to 35 carry 2 marks each. Write your answers in the spaces provided. Give your answers in the units stated.
All diagrams are not drawn to scale unless otherwise stated.

19. Fill in the boxes with the missing number.

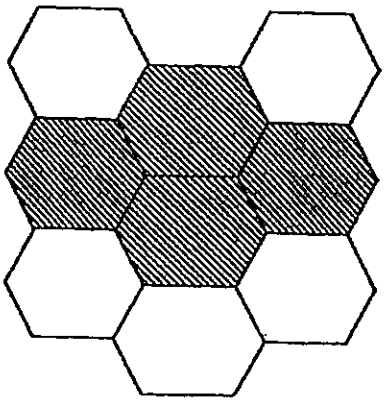


20. Mother left home to go to the market at 12.30 p.m.
She came back 30 minutes later.
What time did she come home?

Answer: _____ p.m.

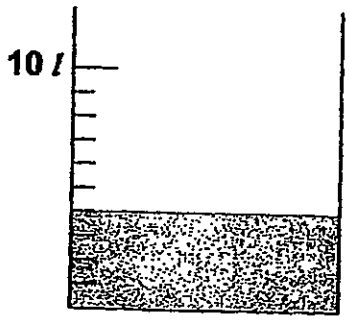
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21. What fraction of the figure needs to be shaded to make 1 whole?

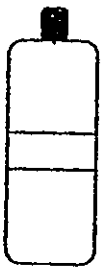


Answer: _____

22. Andy wants to fill up a 10-litre tank using some 2-litre bottles. There is already some water in the tank.



tank



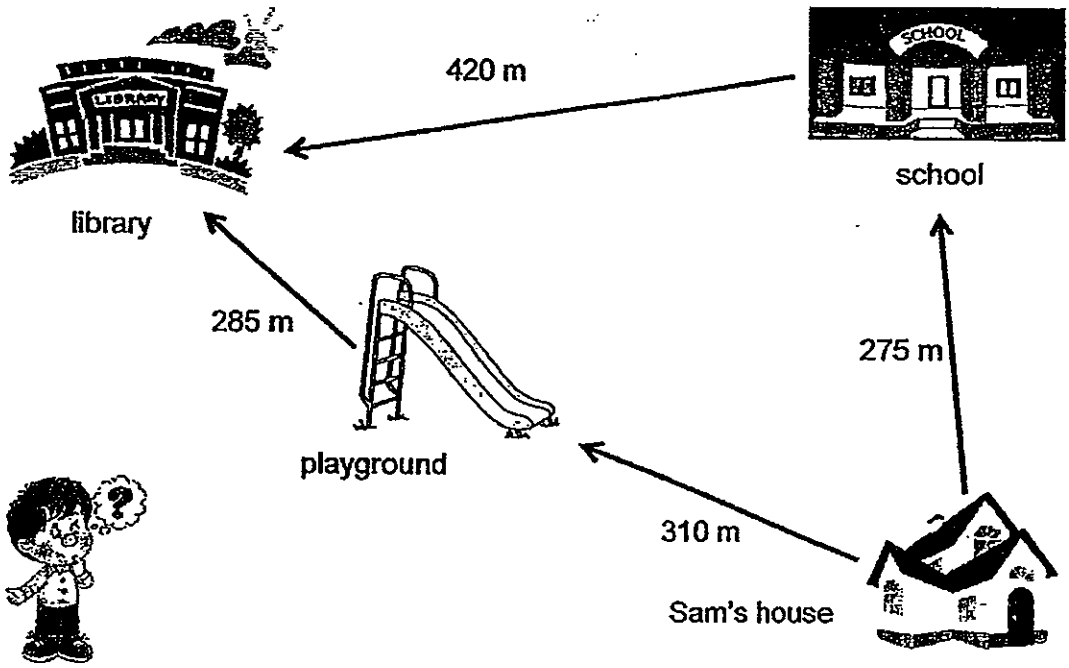
2*l*
bottle

How many 2-litre bottles are needed to fill up the tank to 10*l* ?

Answer: _____

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23. Study the pictures below.



Sam wants to go to library.
What is the shortest distance from Sam's house to the library?

Answer: _____ m

24. Arrange these numbers in order. Begin with the greatest number.

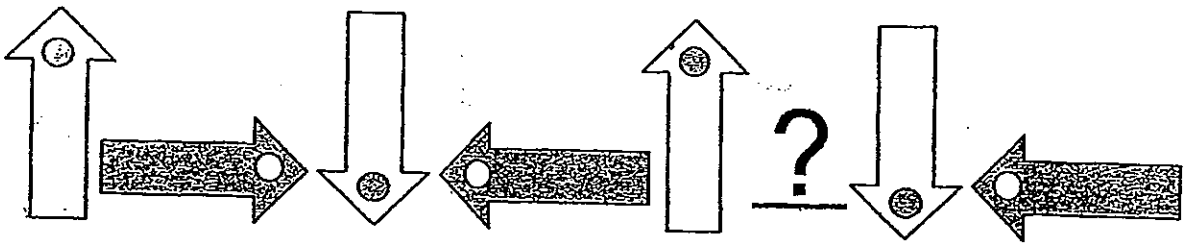
794 479 947 497

_____ , _____ , _____ , _____

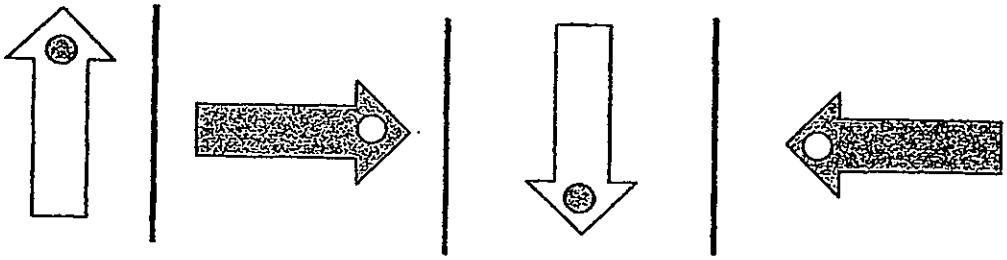
(greatest)

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25. Study the patterns below.



Which of the following is the missing shape? **Circle** it.



26. I am a 3 digit number.
The digit in the tens place is twice the digit in the hundreds place.
The digit in the ones place is 3 more than the digit in the tens place.
If the digit in the ones place is 7, what number am I?

Answer: _____

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27. Mike wants to buy some muffins from a bakery.
He has $6.



2 for $3

If 2 muffins cost $3, what is the maximum number of muffins he can buy?

Answer: _____

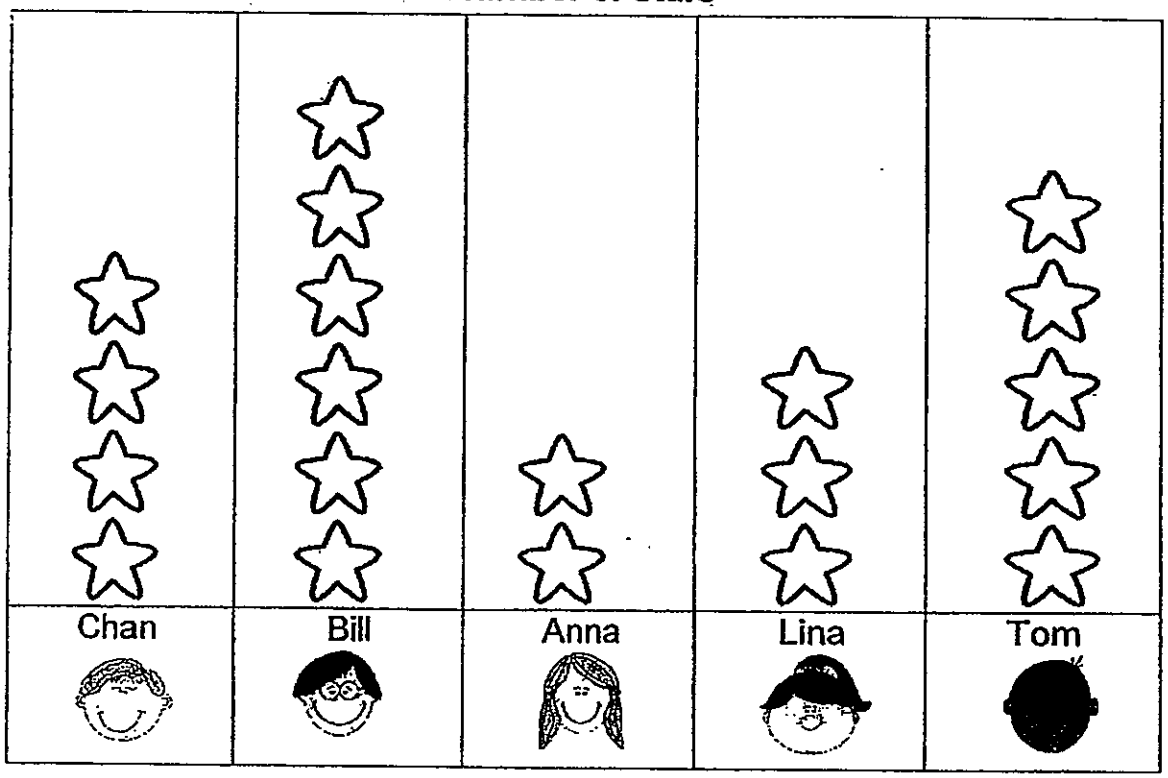
28. Baker Tay baked 620 cookies on Saturday.
He baked 215 more cookies on Saturday than on Sunday.
How many cookies did he bake on Sunday?

Answer: _____

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The graph below shows the number of stars each pupil has.
Study the graph carefully and answer questions 29, 30 and 31.

Number of Stars



Each ★ stands for 3 stars

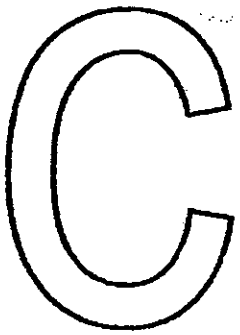
29. Bill collected _____ stars.

30. Anna collected _____ fewer stars than Chan.

31. Tom must give Lina _____ stars so that they have the same number of stars.

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32. Look at the letter below.
How many straight lines are there in the letter?



Answer: _____ straight lines

33. 536 - ? tens = 436

What is the missing number in the box?

Answer: _____

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34. A birthday cake was cut into 12 equal pieces. Suzie ate 2 pieces and Ben ate 3 pieces of the cake. What fraction of the cake was left?

Answer: _____

35. Mrs Tan told Judy to colour a picture using only 2 colours. Judy had a box of crayons with the following colours – red, blue and yellow.
What is the maximum number of ways that Judy can use her crayons to colour her picture?



red



blue



yellow

Answer: _____

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Section C: Problem Sums (30 marks)

For questions 36 to 44, show your working and statements clearly in the space provided for each question. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

36. Fauzan had 340 Lego bricks.
His father bought him another 125 bricks.

(a) How many Lego bricks did Fauzan have altogether? [1 mark]
(b) Of all his Lego bricks, 213 were blue and the rest were red.
How many red Lego bricks did he have? [2 marks]

(a) Working

He had _____ Lego bricks altogether.

(b)

He had _____ red Lego bricks.

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37. Mike has 63 ice-cream sticks. He has 12 ice-cream sticks fewer than Alex. How many ice-cream sticks do they have altogether? [3 marks]

Working

They have _____ ice-cream sticks altogether.

38. Mrs Ho bought 8 boxes of cookies. Each box had 3 cookies in it. She repacked the cookies equally into 4 boxes. How many cookies were there in each box? [3 marks]

Working

There were _____ cookies in each box.

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39. Alice is 10 kg heavier than Beth. Beth is 7 kg lighter than Claire. Claire is 35 kg. How heavy is Alice? [3 marks]

Working

Alice is _____ kg.

40. Colin had $60 at first. He bought a book for $15. He also bought a bag. He had $25 left after paying for the book and the bag. How much did the bag cost? [3 marks]

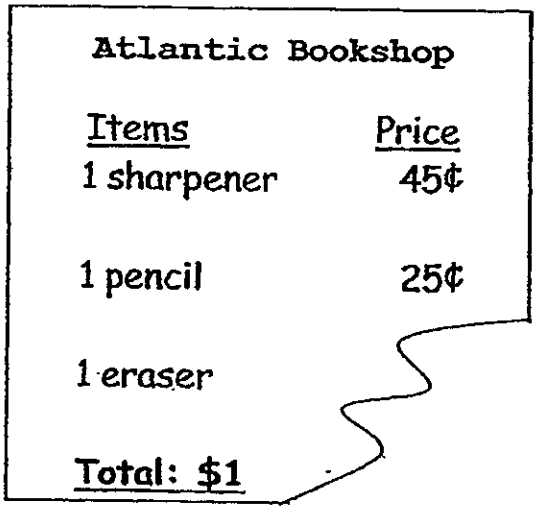
Working

The bag cost $_____.

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41. Bill went to the bookshop to buy 3 items. He spent a total of $1 as shown on the torn receipt below.

(a) How much more did the sharpener cost than the pencil? [2 marks]
(b) How much did he pay for the eraser? [1 mark]



Atlantic Bookshop

Items	Price
1 sharpener	45¢
1 pencil	25¢
1 eraser	
Total: $1	

Working

(a)

The sharpener cost _____ ¢ more than the pencil.

(b)

He paid _____ ¢ for the eraser.

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42. There were 954 people at a concert. 479 of them were adults and the rest were children. Of the children, 210 were girls and the rest were boys.

(a) How many children were there? [2 marks]

(b) How many boys were there? [2 marks]

(a)

Working

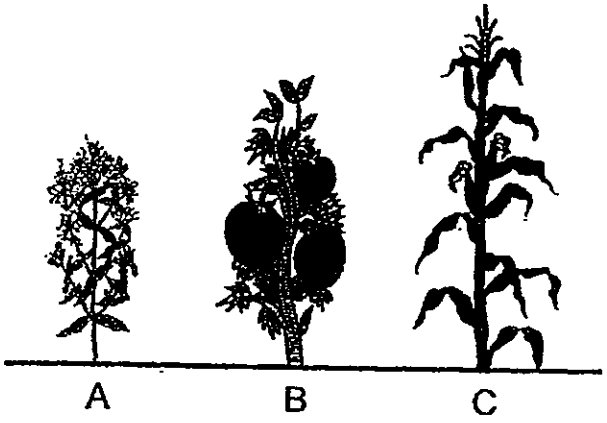
There were _____ children.

(b)

There were _____ boys.

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43. Plant A is 20 cm shorter than Plant C.
Plant B is 10 cm taller than Plant A.
Plant C is 60 cm tall.
What is the total height of all 3 plants? [4 marks]



Working

The total height of all 3 plants is _____ cm.

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44. The picture below shows the number of dots formed around the stars in each figure.



Figure 1

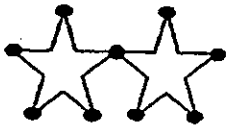


Figure 2

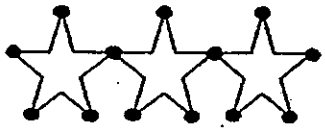


Figure 3

?

Figure 4

a) Complete the table below. [2 marks]

Number of stars	1	2	3	4	5
Number of dots	5	9	13		

b) If I want 7 stars, how many dots would I need?
[2 marks]
(Hint: Make a table)

I would need _____ dots.

End-of-Paper

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ANSWER SHEET

EXAM PAPER 2013
SCHOOL : ANGLO-CHINESE SCHOOL (PRIMARY)
SUBJECT : PRIMARY 2 MATHEMATICS

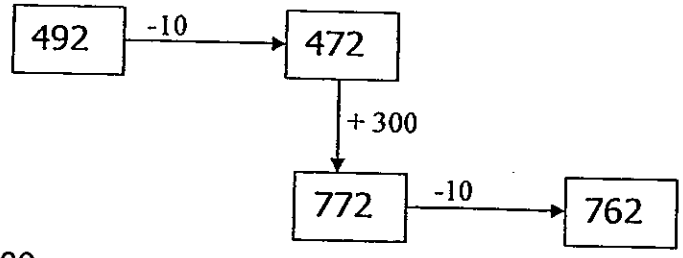
TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2	1	4	1	1	2	4	4	3	4	1	4	2	4	2	2	3

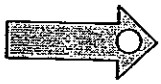
Q18
1

Section B

Q19)



Q20) 1:00pm
Q21) 5/9
Q22) 3
Q23) 595m
Q24) 947, 794, 497, 479
Q25)



Q26) 247
Q27) 4
Q28) 405
Q29) 18
Q30) 6

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Q31) 3
Q32) 2
Q33) 10
Q34) 7/12
Q35) 3

Section C

Q36) a) 340 + 125 = 465
b) 465 – 213 = 252

Q37) 63 + 72 = 75
75 + 63 = 138

Q38) 8 x 3 = 24
24 ÷ 4 = 6

Q39) 35 – 7 = 28
28 + 10 = 38kg

Q40) $15 + $25 = $40
$60 – $40 = $20

Q41) a) 45¢ – 25¢ = 20¢
b) $1 – 45¢ – 25¢ = 30¢

Q42) a) 954 – 479 = 475
b) 475 – 210 = 265

Q43) A → 60 – 20 = 40cm
B → 40 + 10 = 50cm
60 + 40 + 50 = 150cm

Q44) a)

Number of stars	1	2	3	4	5
Number of Dots	5	9	13	17	21

b)

Number of stars	1	2	3	4	5	6	7
Number of Dots	5	9	13	17	21	25	29

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Ai Tong School
Primary 2 Mathematics
Term 3 (2013)
Mini Test

40

Name: _____ ( ) **Date:** _____

Class: Pr. 2 ( ) **Parent's Signature:** _____

Fill in each blank with the correct answer.
Question 1 to 14 – 2 marks each

1. Nine hundred and twenty-five cents can be written as

_____¢ or $ _____

2. Arrange the following amounts of money in order, beginning with the **greatest** amount.

600¢	$6.30	$6.25

_____ , _____ , _____
greatest

3. Fill in the blanks with the words "**smaller**" or "**greater**"

a) $\frac{1}{3}$ is _____ than $\frac{2}{3}$.

b) $\frac{4}{6}$ is _____ than $\frac{2}{6}$.

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