NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2014

PRIMARY 2

MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100

Name: _____ ( )

Class: Primary 2 ( )

Date: 30 October 2014

Parent's Signature: _____

Any query on marks awarded should be raised by 7 November 2014. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

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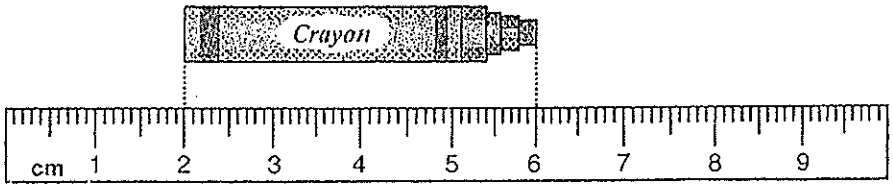
Section A

Questions 1 to 20 carry 2 marks each.
For each question, four options are given.
One of them is the correct answer.
Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets ( ) provided. (Total: 40 marks)

1. 4 hundreds and 5 tens = _____

(1) 45 (2) 405
(3) 450 (4) 455 ( )

2. What is the length of the crayon?



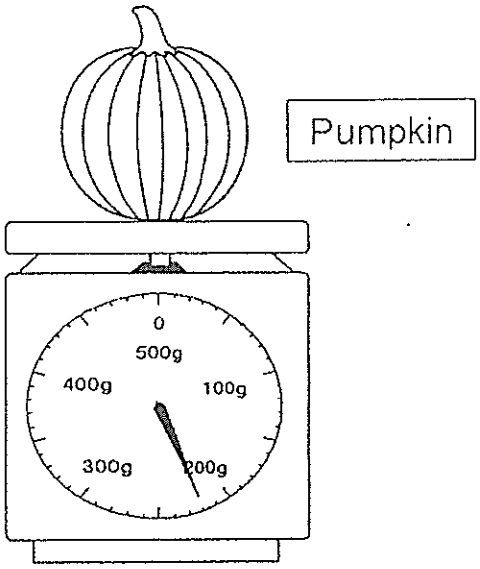
(1) 6 cm (2) 2 cm
(3) 3 cm (4) 4 cm ( )

3. 4 groups of 2 is the same as _____.

(1) 2 + 2 (2) 4 x 4
(3) 4 + 2 (4) 4 x 2 ( )

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4. Look at the weighing scale below carefully.
What is the mass of the pumpkin?



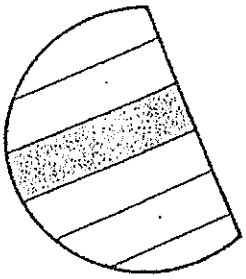
(1) 200 g
(2) 202 g
(3) 220 g
(4) 270 g ( )

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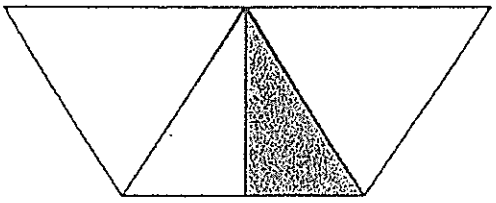
5. Look at the figures below.

Which one of the following shows that $\frac{1}{6}$ of the figure is shaded?

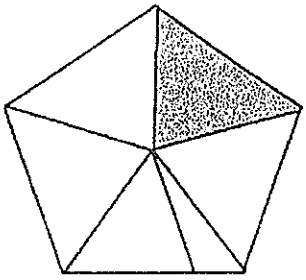
(1)



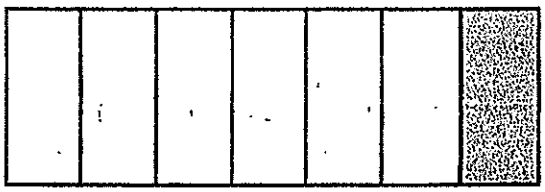
(2)



(3)



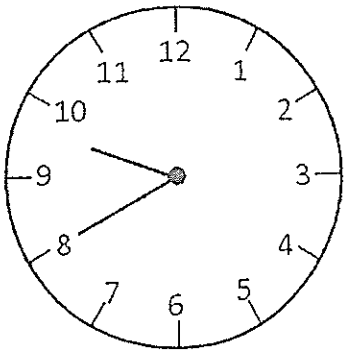
(4)



( )

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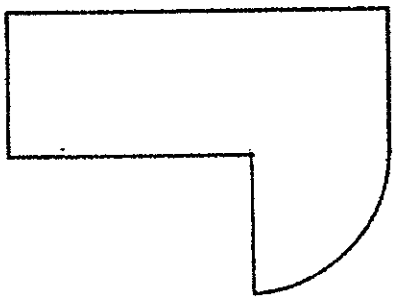
6. A movie will start at night at the time shown on the clock below.



What time will the movie start?

(1) 9.40 a.m. (2) 10.40 a.m.
(3) 9.40 p.m. (4) 10.40 p.m. ( )

7. The figure below is made up of 2 different shapes.



The two shapes are a rectangle and a _____.

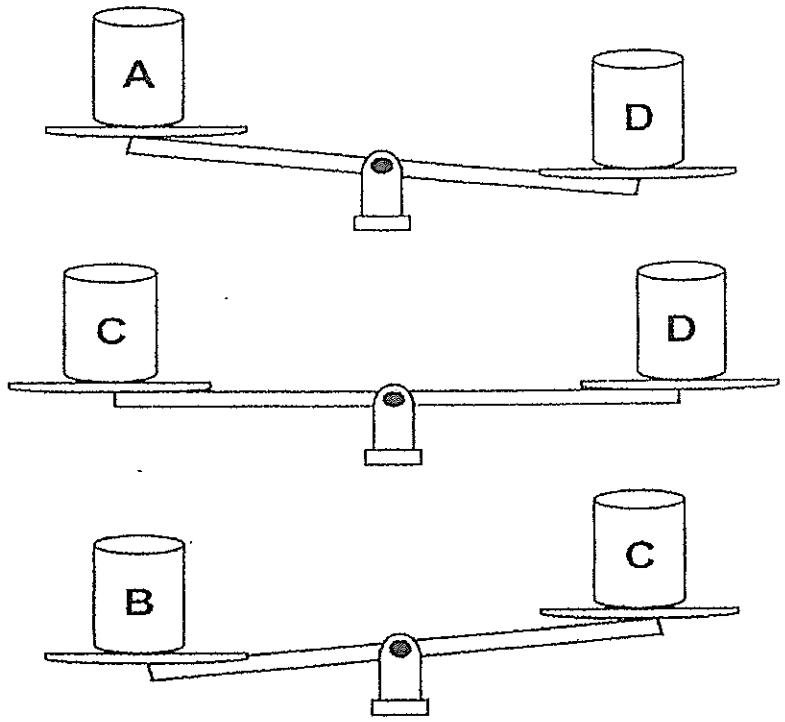
(1) triangle (2) square
(3) semi-circle (4) quarter circle ( )

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8. Aini has a ribbon that is 121 cm long.
Devi has a ribbon that is 15 cm longer than Aini's ribbon.
What is the length of Devi's ribbon?

(1) 106 cm (2) 126 cm
(3) 136 cm (4) 146 cm ( )

9. Look at the diagrams below carefully.



Which object is the lightest?

(1) A (2) B
(3) C (4) D ( )

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10. Look at the table below carefully.

4	?	7
9	36	4
4	12	3

Find the missing number.

(1) 20 (2) 24
(3) 28 (4) 32 ( )

11. Kailing has 24 erasers.
She packs the erasers equally into 4 boxes.
How many erasers will there be in each box?

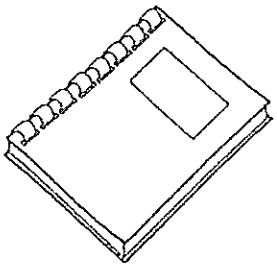
(1) 6 (2) 16
(3) 20 (4) 28 ( )

12. John has $5.00.
He spends $3.05 on a pencil.
How much money does he have left?

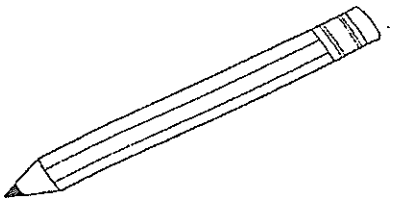
(1) 195¢ (2) 205¢
(3) $19.50 (4) $2.50 ( )

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13. Rani gave the cashier a $10 note to buy 1 pencil and 2 books.



Book
$3 each



Pencil
$2 each

How much change did she receive?

(1) $5 (2) $2
(3) $3 (4) $8 ( )

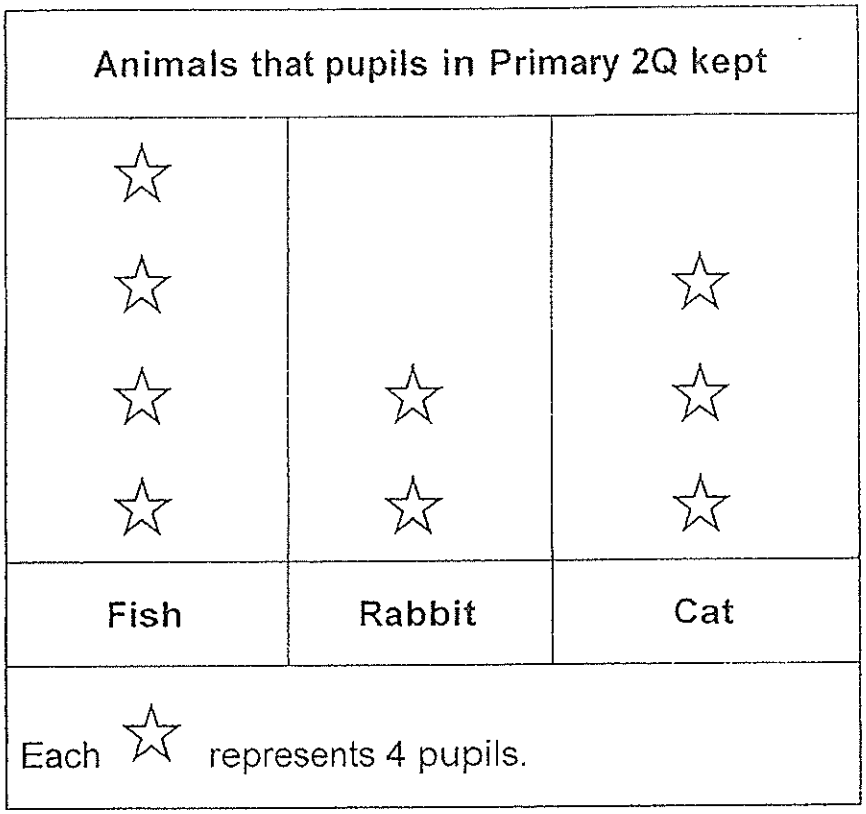
14. Mei Fang cut a cake into 12 equal pieces.
She ate 1 piece and her friends ate 7 pieces.
What fraction of the cake was eaten?

(1) $\frac{1}{12}$ (2) $\frac{4}{12}$

(3) $\frac{7}{12}$ (4) $\frac{8}{12}$ ( )

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15. The picture graph below shows the animals that pupils in Primary 2Q kept as pets.



How many pupils are there in Primary 2Q who keep pets?

(1) 9
(2) 18
(3) 32
(4) 36 ( )

16. Box A has 53 more sweets than Box B.
Box C has 25 more sweets than Box A.
Box B has 154 sweets.
How many sweets are there in Box C?

(1) 126
(2) 182
(3) 207
(4) 232 ( )

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17. Maggie has 45 stickers.
Siew Ting has 5 more stickers than Maggie.
Siew Ting pastes her stickers equally into 5 sticker books.
How many stickers are there in each sticker book?

(1) 7 (2) 8
(3) 9 (4) 10 ( )

18. Cindy had 8 buttons.
After Sara gave 2 buttons to Cindy, Rose had twice as many buttons as Cindy.
How many buttons did Rose have?

(1) 20 (2) 16
(3) 10 (4) 6 ( )

19. Fiona saved $28 in June.
She saved $12 less in July than in June.
How much did she save altogether in June and July?

(1) $16 (2) $40
(3) $44 (4) $68 ( )

20. Majid is thinking of a 3-digit number.
The digit in the ones place is an odd number.
The digit in the hundreds place is twice the digit in the ones place.
The digit in the tens place is three times the digit in the hundreds place.
What is the number?

(1) 261 (2) 462
(3) 693 (4) 936 ( )

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Section B

Questions 21 to 40 carry 2 marks each.
Write your answers in the spaces provided.
Give your answer in the units stated. (Total: 40 marks)

21. (a) Write eight hundred and twelve in numerals.

Answer : _____

(b) Write 6 hundreds, 9 tens and 3 ones in numerals.

Answer : _____

22. Arrange these numbers in order, starting from the greatest.



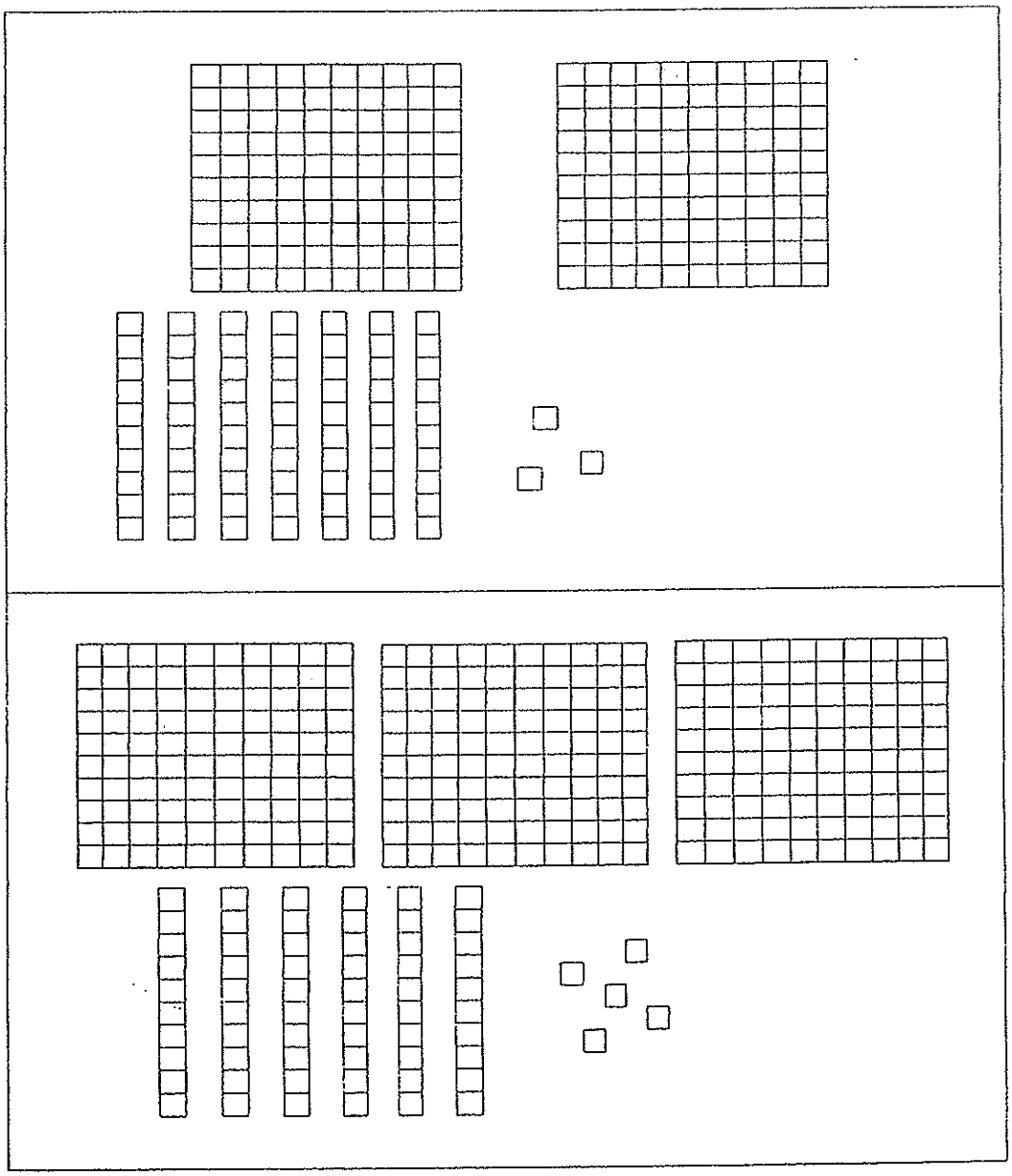
_____, _____, _____

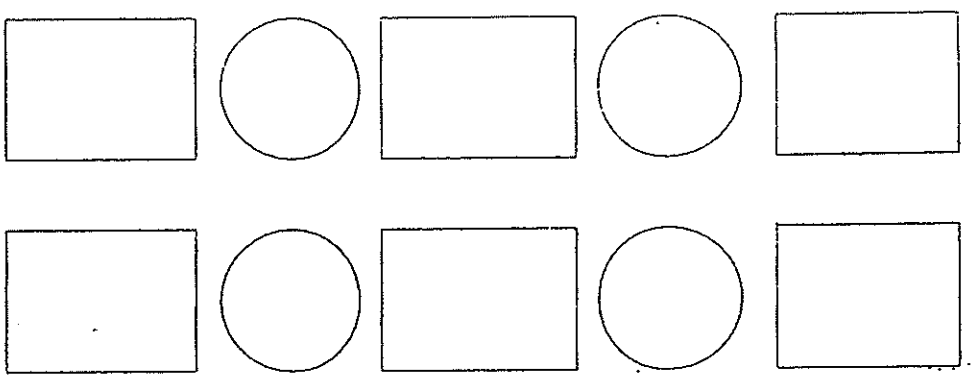
23. 259 boys and 218 girls took part in a competition last year.
407 more children took part in the competition this year than last year.
How many children took part in the competition this year?

Answer : _____

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24. Write two addition equations based on the picture below.





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25. What is the missing number in the box below?

9	12	15	?	21

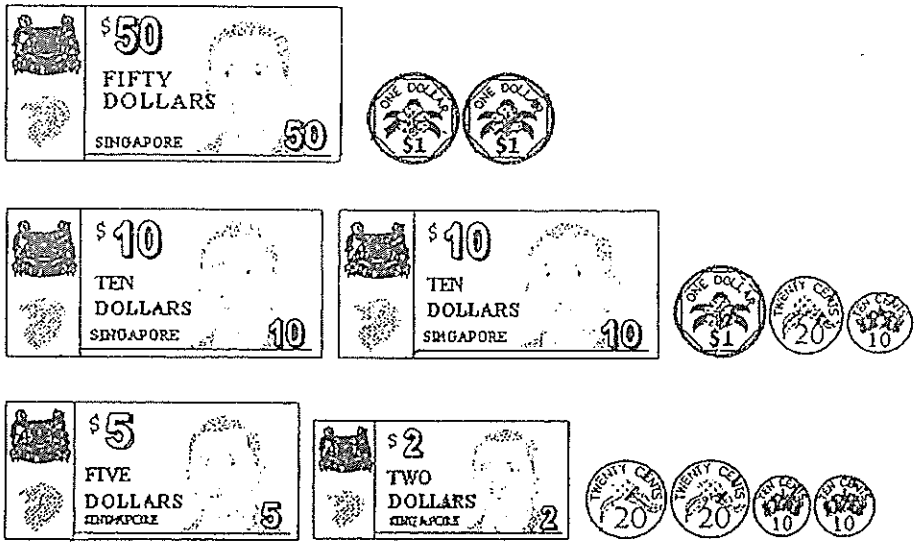
Answer : _____

26. Clarence has 20 marbles.
He wants to put them into 5 equal groups.
How many marbles will there be in each group?

Answer : _____

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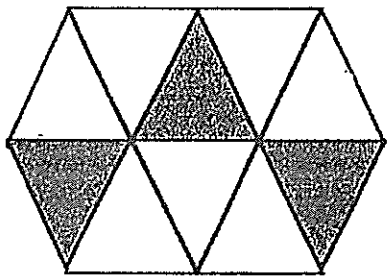
27. Jordon had the following amount of money in his wallet.



How much money did he have altogether?

Answer : $_____

28. What fraction of the figure below is **unshaded**?



Answer : _____

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29. Zhiming cut a rope that is 147 cm long.
Ben cut a rope that is 15 cm longer than Zhiming's rope.
What is the total length of the two ropes?

Answer : _____cm

30. The mass of an eraser is 10 g.
The mass of a ruler is 7 g.
Tom bought 2 erasers and some rulers.
The total mass of his erasers and rulers is 55 g.
How many rulers did Tom buy?

Answer : _____

31. Michelle bought 10 packets of biscuits.
There are 5 pieces of biscuits in each packet.
How many pieces of biscuits did she buy in all?

Answer : _____

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32. Mrs Lim had 121 watermelons.
She sold 94 of them and put the rest of the watermelons equally into 3 boxes.
How many watermelons were there in each box?

Answer : _____

33. A television and an oven cost $849.
A television costs $573.
How much more does the television cost than the oven?

Answer : $_____

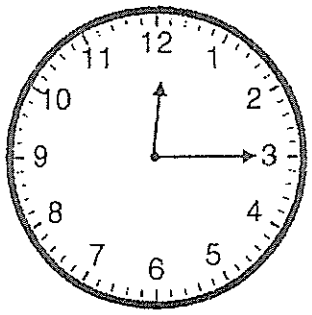
34. Arrange the following fractions in order, starting from the smallest.

$\frac{1}{9}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{7}$

_____ , _____ , _____ , _____

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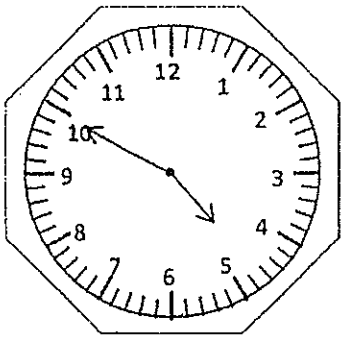
35. The time shown on the clock below shows the time Ahmad had his lunch.



What time did Ahmad have his lunch?
Write the time using a.m. or p.m.

Answer : _____

36. Pei Ying left her home to go to the library at the time shown on the clock below.

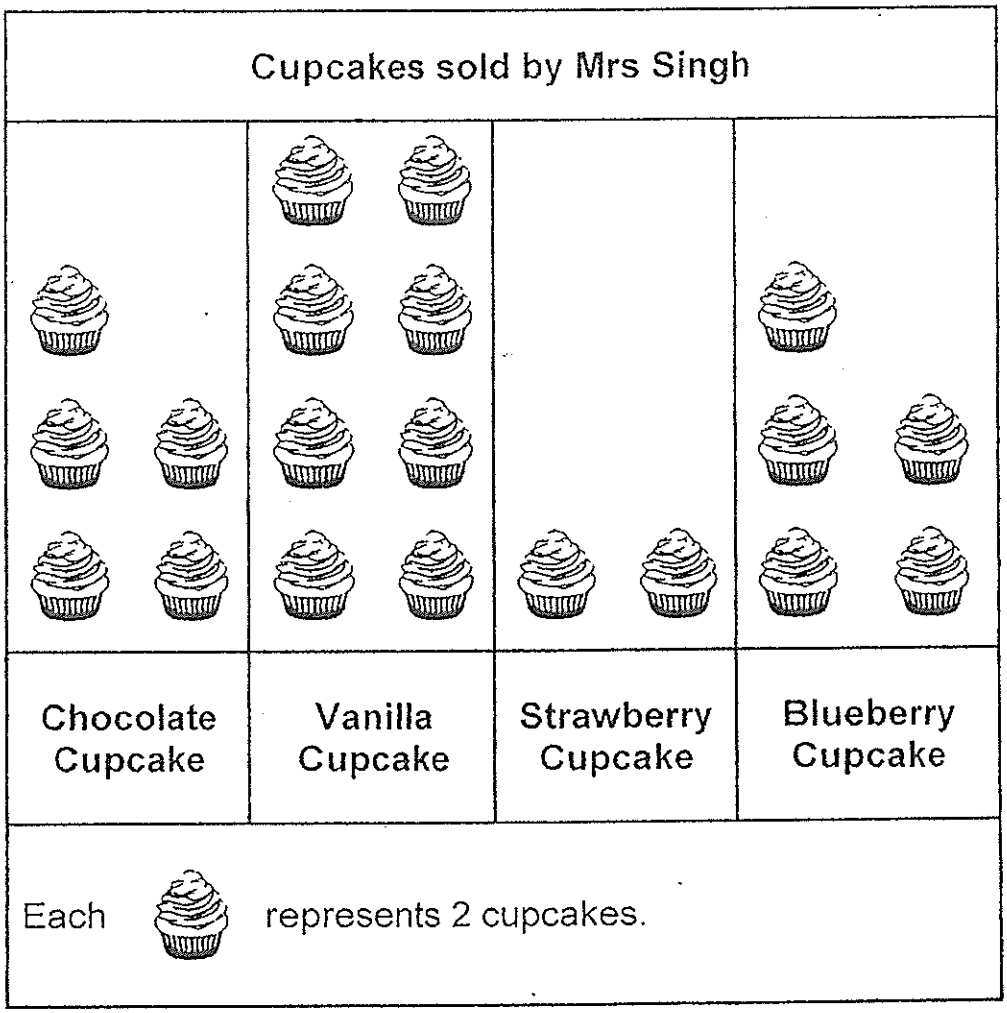


She took 40 minutes to reach the library.
What time did she reach the library?

Answer : _____p.m.

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37. The picture graph shows the number of cupcakes sold by Mrs Singh in one day.



Each cupcake is sold at $3 each.
How much more did Mrs Singh get from selling chocolate cupcakes than selling strawberry cupcakes?

Answer : $_____

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38. Tank A contains 33 ℓ of petrol and Tank B contains 15 ℓ of petrol.
How many litres of petrol must be poured from Tank A to Tank B so that both tanks will have the same amount of petrol in the end?

Answer : _____ ℓ

39. Some trees are planted in a straight row.
They are planted at an equal distance of 6 m apart.
What is the total distance between the 1st tree and the 6th tree?

Answer : _____ m

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40. There is a total of 12 cats and birds in a pet shop.
These animals have 34 legs altogether.
How many cats are there?

Answer : _____

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Section C

Questions 41 to 45 carry 4 marks each.
Do these word problems carefully.
Show all your number equations and working clearly in the space provided for each question.

(Total: 20 marks)

41. The mass of a packet of apples is 213 g.
The mass of a packet of grapes is 105 g more than the packet of apples.
What is the total mass of the packet of apples and the packet of grapes?

The total mass of the packet of the apples and the packet of grapes is _____g.

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42. A bicycle has 2 wheels.
A car has 4 wheels.
How many wheels do 7 bicycles and 8 cars have altogether?

They have _____ wheels altogether.

43. Amar had some stamps.
He gave 73 stamps to James and lost 19 stamps to Michelle.
He had 286 stamps in the end.
How many stamps did he have at first?

He had _____ stamps at first.

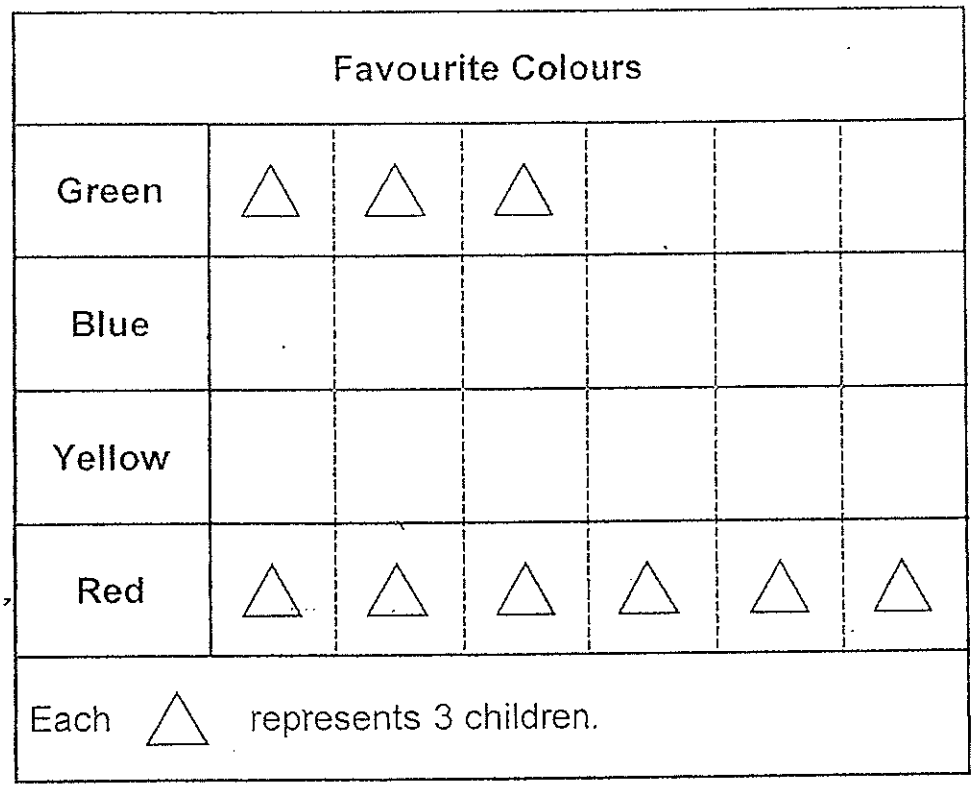
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44. Dharani has some money in her purse.
She wants to buy a pair of jeans which costs $135 and a blouse which costs $69.
However, she is short of $47.
How much money does Dharani have in her purse?

Dharani has $_____ in her purse.

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45. The picture graph shows the favourite colours of a group of children.



Mr Tay asked 42 children to choose their favourite colour. There are 3 more children who choose blue than yellow as their favourite colour.
Complete the graph above.

☺ *End of Paper* ☺
Please Check Carefully

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YEAR: 2014
LEVEL: P2
SCHOOL: NANYANG
SUBJECT: MATHEMATICS
SEMESTER: SA2

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

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	1	2	4	4	4	4	1	3	1

21. a) 812
    b) 693
22. 583, 568, 538
23. 884
24. 273+365= 638
    365+273= 638
25. 18
26. 4
27. 80.90
28. 7/10
29. 309
30. 5
31. 50
32. 9
33. 297
34. 1/9, 1/7, ¼, ½
35. 12.15pm
36. 5.30
37. 18
38. 9
39. 30
40. 5
41. 213+105= 318
    318+213= **531**

42. 8×4= 32
    14+32= **46**

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43. 73+19= 92
286+92= **378**

44. $135+$69= $204
$204 – $47= **$157**

45. Blue: △△△

Yellow: △△
9+18= 27
42 – 27=15
15÷3= 5

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