SECOND SEMESTRAL EXAMINATION 2016

PRIMARY 2

MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

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

Total:	**/ 100**

Name: _____ ( )

Class: Primary 2 ( )

Date: _____

Parent's Signature: _____

Any query on marks awarded should be raised by **4 Nov 2016**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

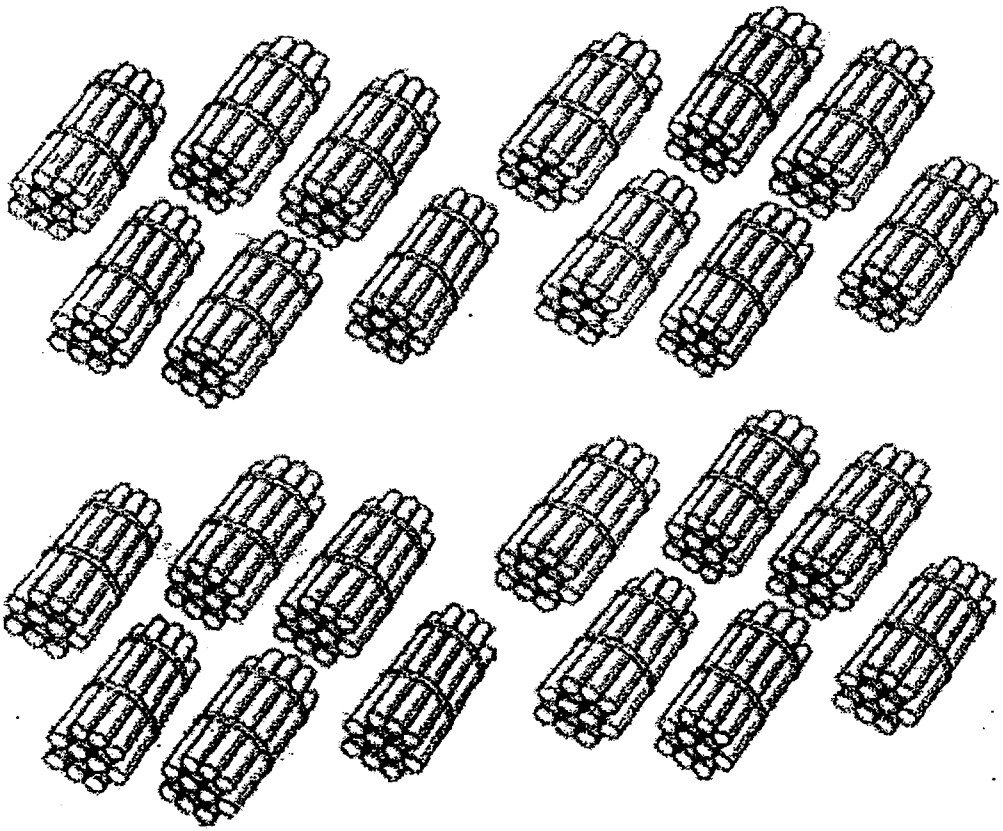
Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

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. Look at the picture below.



How many / are there altogether?

(1) 24 (2) 20
(3) 200 (4) 240 ( )

2. What is the value of 700 + 30 + 5?

(1) 357 (2) 573
(3) 735 (4) 753 ( )

3. 568 is 135 more than [?].
What is the missing number?

(1) 433 (2) 533
(3) 603 (4) 703 ( )

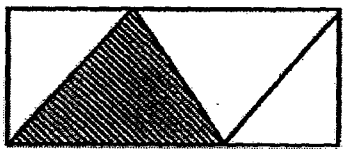
4. Which one of the following numbers is the greatest?

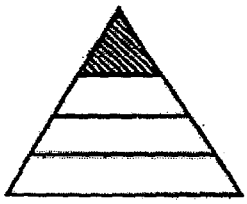
(1) 354 (2) 534
(3) 453 (4) 435 ( )

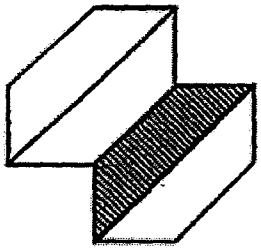
5. What is the value of 510 – 378?

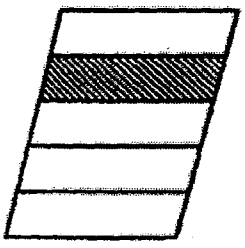
(1) 132 (2) 142
(3) 268 (4) 888 ( )

6. Which one of the following shapes shows that $\frac{1}{4}$ of the shape is shaded?

(1) 

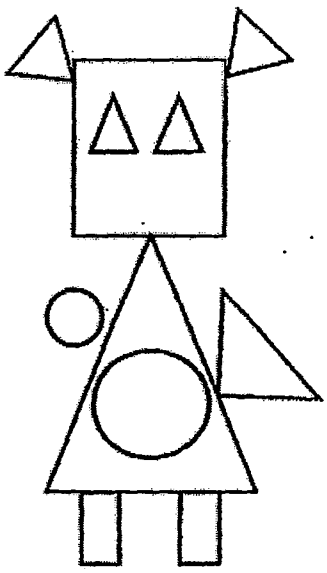
(2) 

(3) 

(4) 

( )

7. Look at the figure below.



How many circles are there in the figure above?

(1) 5
(2) 2
(3) 3
(4) 6

( )

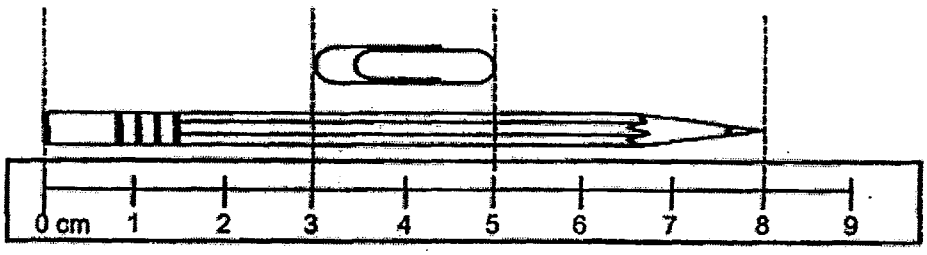
8. Find the value of 4 x 8.

(1) 12 (2) 28
(3) 32 (4) 36 ( )

9. Divide 35 by 5.

(1) 6 (2) 7
(3) 30 (4) 40 ( )

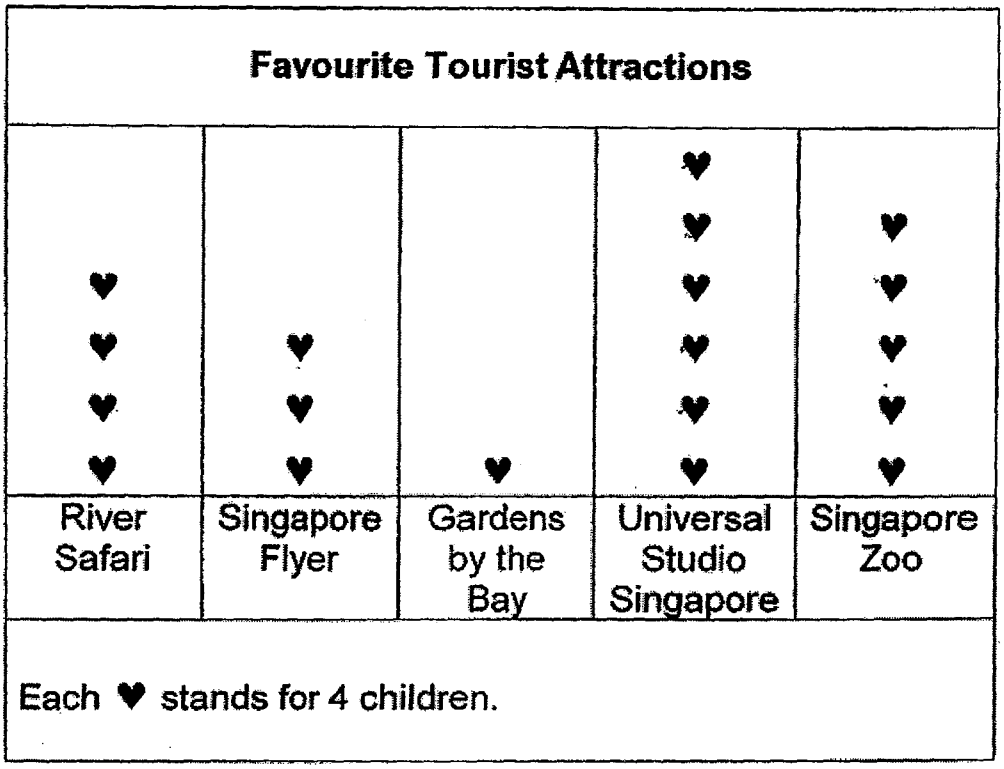
10. Look at the diagram below.



How much longer is the pencil than the paper clip?

(1) 5 cm (2) 2 cm
(3) 3 cm (4) 6 cm ( )

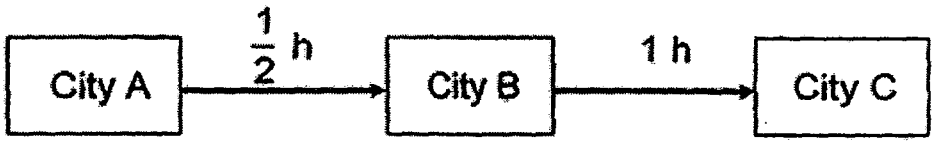
11. The picture graph below shows the favourite tourist attraction of a group of children.



How many children chose Universal Studio Singapore as their favourite tourist attraction?

(1) 6
(2) 10
(3) 20
(4) 24
( )

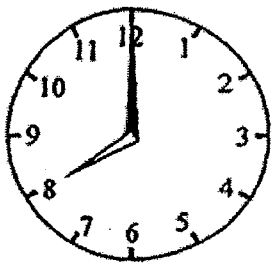
12. The time taken for a car to travel between two cities is as shown below.



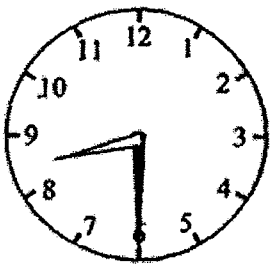
The car leaves Town A at 7.30 a.m.

Which one of the following clocks shows the correct time the car reaches City C?

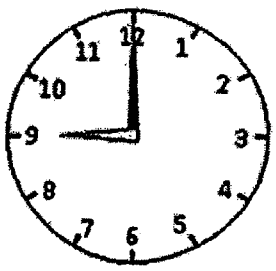
(1)



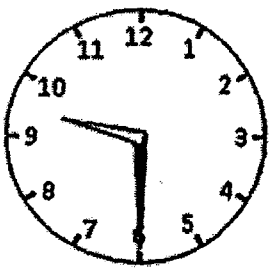
(2)



(3)

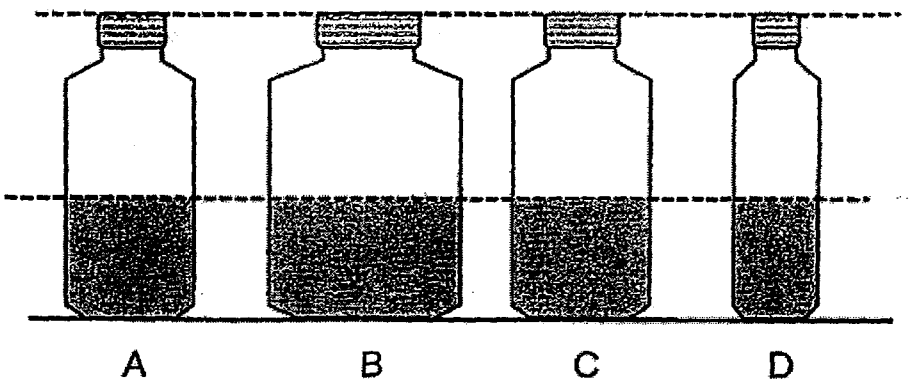


(4)



( )

13. Look at the containers below.



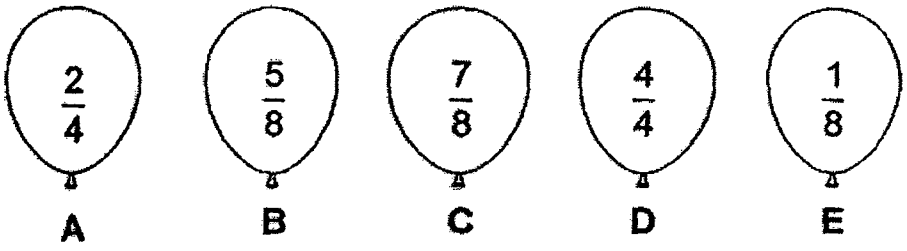
Which of the containers shown above have the same volume of water?

(1) A and B
(2) A and C
(3) B and D
(4) All of the above ( )

14. For every 100 m that Janice runs, Peter will run 120 m. How far will Peter run when Janice runs a total distance of 300 m?

(1) 660 m
(2) 420 m
(3) 360 m
(4) 240 m ( )

15. Which two balloons below will add up to make $\frac{6}{8}$?



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

16. The total mass of a table and a chair is 13 kg.
The table is 5 kg heavier than the chair.
What is the mass of the chair?

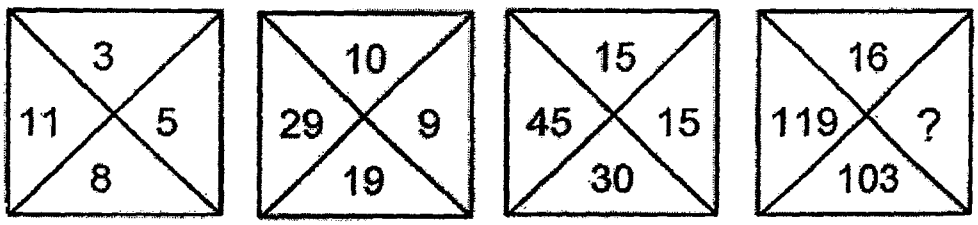
(1) 18 kg
(2) 9 kg
(3) 8 kg
(4) 4 kg
( )

17. Osman invited 9 friends to his party.
He gave each of his friends 5 sticks of satay.
In the end, Osman had 2 sticks of satay left
How many sticks of satay did he have at first?

(1) 16 (2) 45

(3) 47 (4) 63 ( )

18. Look at the pattern below.



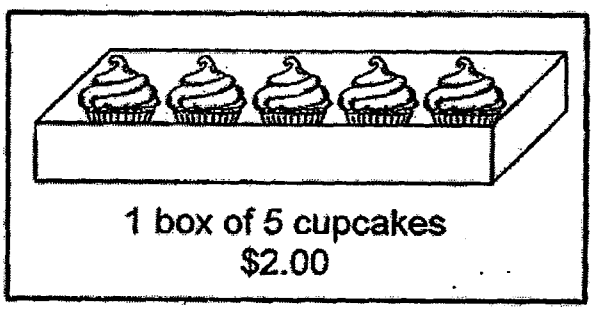
What is the missing number?

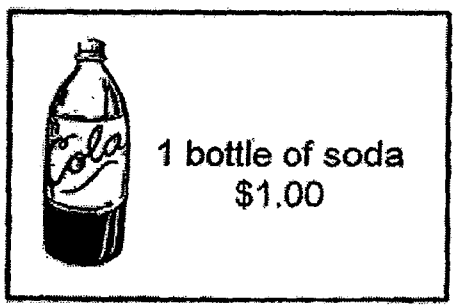
(1) 87 (2) 93
(3) 97 (4) 119 ( )

19. Jen had $13.
She bought a toy bear that cost $12.
After that, her mother gave her another $6.
How much money did she have in the end?

(1) $6 (2) $7
(3) $18 (4) $19 ( )

20. Sandy bought 10 cupcakes and 1 bottle of soda for her birthday party.
She gave the cashier $6.
How much change did she receive from the cashier?





(1) $1 (2) $11
(3) $5 (4) $4 ( )

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. Write the following in numerals.

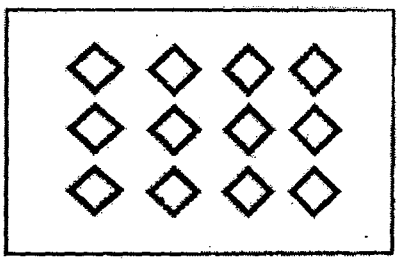
(a) two hundred and twenty

(b) five hundred and four

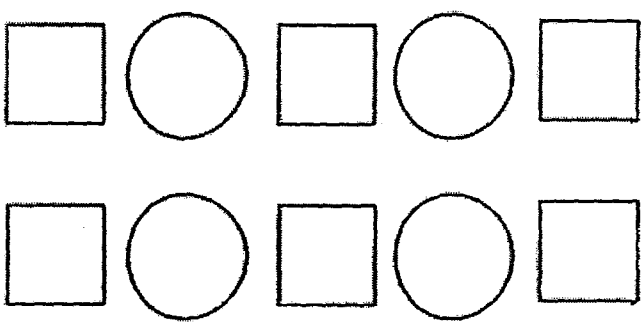
Answer : (a)_____

(b)_____

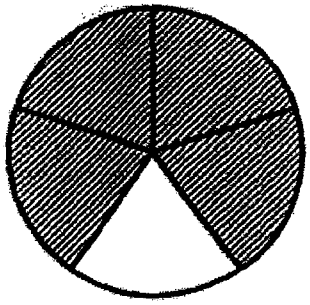
22. Look at the picture in the box below.



Based on the picture, write 2 multiplication equations.



23. The figure below is divided into equal parts.



What fraction of the figure below is **shaded**?

Answer : _____

24. Arrange the fractions in order from the smallest to the greatest.

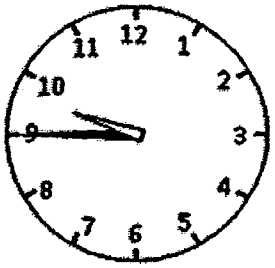
$\frac{5}{7}$ $\frac{2}{7}$ $\frac{6}{7}$

[ ] , [ ] , [ ]

25. Subtract $\frac{2}{9}$ from $\frac{5}{9}$.

Answer : _____

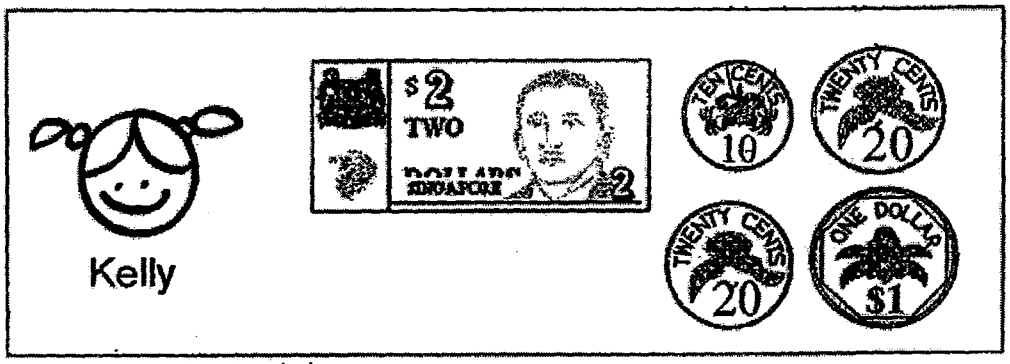
26. The clock below shows the time that Ahmad goes to bed at night.

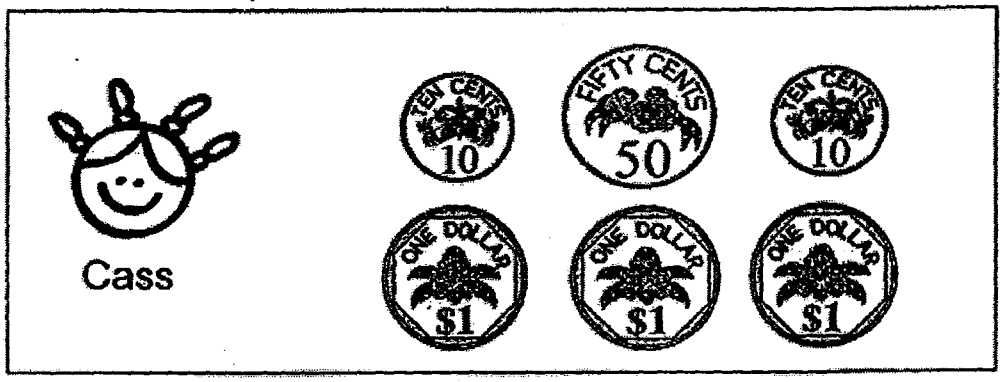


What time does Ahmad go to bed?
Write your answer in a.m. or p.m.

Answer : _____

27. Look at the pictures given.

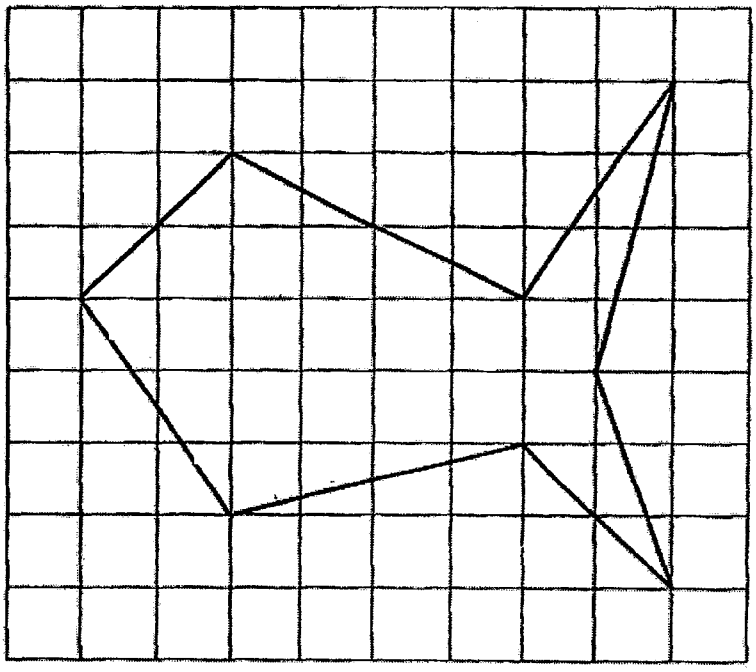




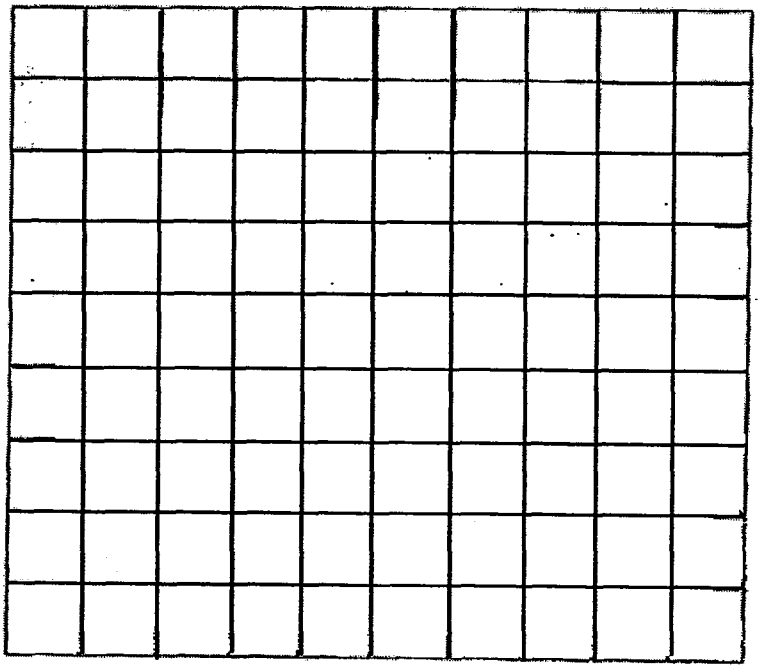
Who has less money?

Answer : _____

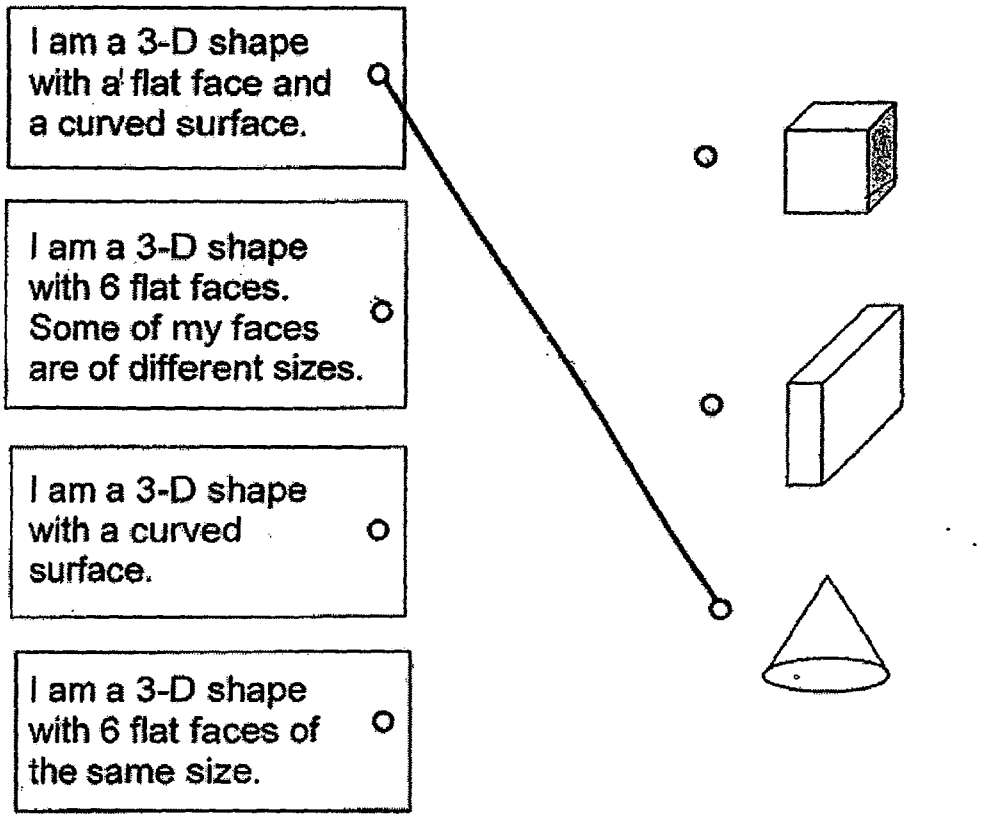
28. Copy the given figure below exactly onto the square grid at the bottom.



Ans:



29. Draw lines to join the description to its shape.
The first one has been done for you.



30. There were 728 children left in the hall after 59 children went home.
How many people were there in the hall at first?

Answer : _____

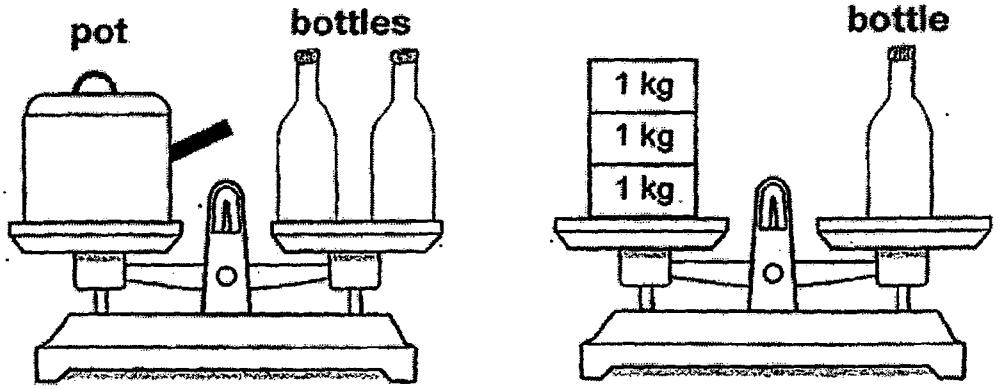
31. Each box contained 6 pencils.
Janice bought 2 such boxes of pencils.
How many pencils did Janice buy altogether?

Answer : _____

32. Mr Tan puts 36 tables in a classroom.
There is an equal number of tables in each of the 4 rows.
How many tables are there in each row?

Answer : _____

33. Look at the diagram below.



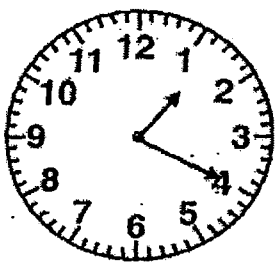
What is the mass of the pot?

Answer : _____ kg

34. 558 people went to a bird park on Saturday.
347 more people went to the bird park on Saturday than on Sunday.
How many people went to the bird park on both days?

Answer : _____

35. Jia Ming reached the cinema at 1.20 p.m.
He was 30 minutes late for the show.
What time did the show start?



Answer : _____ p.m.

36. On Monday, Donald runs 2 rounds around the field.
On Tuesday, he runs 4 rounds around the field.
On Wednesday, he runs 7 rounds around the field.
On Thursday, he runs 11 rounds around the field.
Given that the pattern continues, how many rounds will he run
On Friday?

Answer : _____

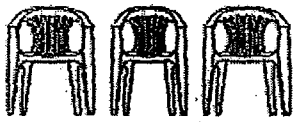
37. I am an odd number.
I am a number between 20 and 50.
The digit in the tens place is the digit in the ones place.
What number am I? 3 times

Answer : _____

38. Peggy bought 30 pencils.
She packed 4 pencils in each box and had 2 pencils left.
How many boxes of 4 pencils did Peggy pack?

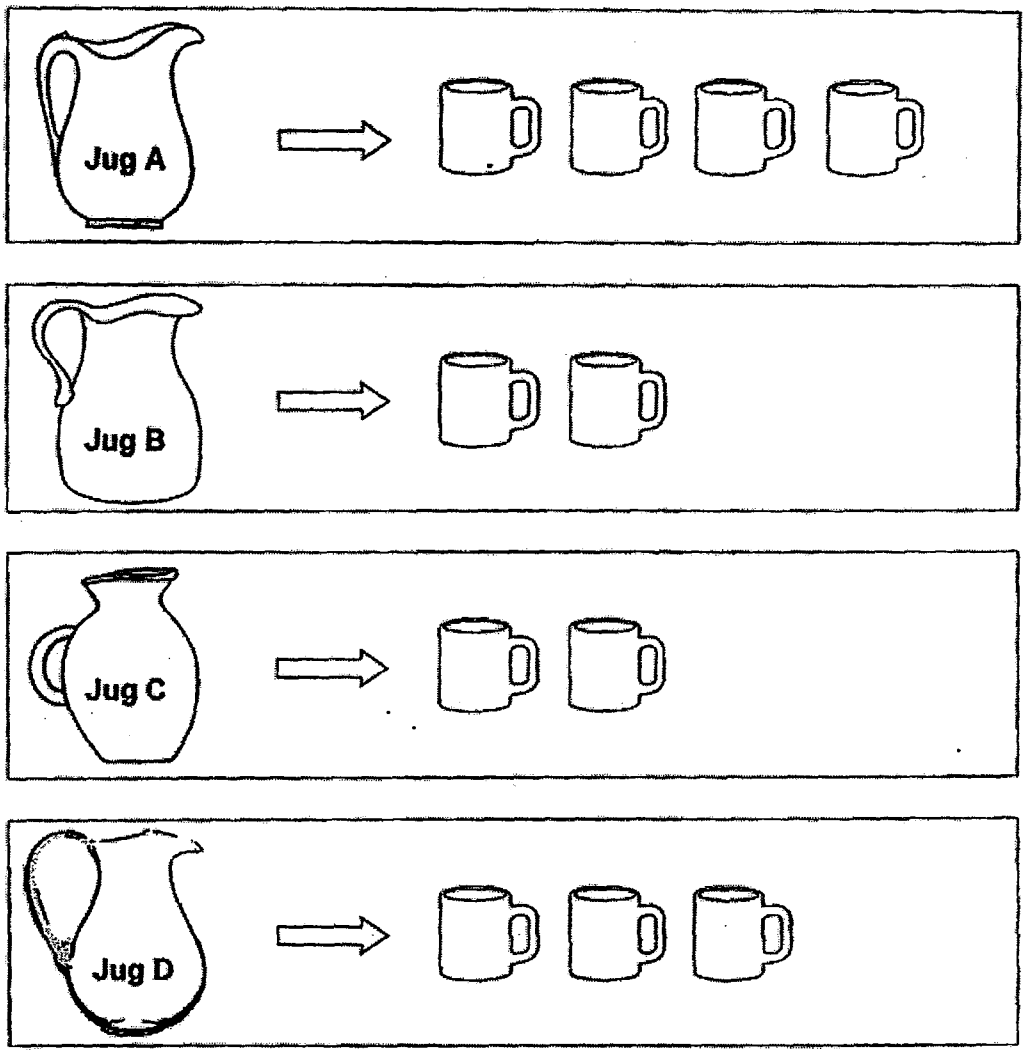
Answer : _____

39. Adele, Bala and Chris want to take a photograph together.
They put 3 chairs in a straight row.
How many different ways can all of them sit together on the chairs to take the photograph?



Answer : _____

40. Look at the jugs below.



The water in the jugs was poured into cups of the same size as shown below.

Put a tick (√) in the box for each correct statement.

☐ The volume of water in Jug C is twice the volume of water in Jug A.

☐ The volume of water in Jug A is twice the volume of water in Jug B.

☐ The volume of water in Jug A is less than the volume of water in Jug D.

Section C

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

(Total: 20 marks)

41. Sue baked 24 muffins.
She packed 3 muffins in each box.

(a) How many boxes did she use to pack all the muffins?

She used _____ boxes to pack all the muffins.

(b) Sue gave away some of her muffins and was left with **5 boxes** of muffins.
How many muffins were left?

There were _____ muffins left.

42. There were 4 sweets in a packet.
Alicia bought 6 packets of sweets.

(a) How many sweets did Alicia buy in all?

Alicia bought _____ sweets in all.

(b) Brandon had some sweets at first.
Alicia gave Brandon 18 sweets.
In the end, Brandon had 30 sweets.
How many sweets did Brandon have at first?

Brandon had _____ sweets at first.

43. A pail cost $10.

(a) How much will 6 such pails cost in total?

6 such pails will cost $_____ in total.

(b) There were 5 pails altogether.
Khalid poured water into 3-litre pails and 5-litre pails.
The pails were all filled to the brim.
He used a total of 19 litres of water.
How many 3-litre pails did Khalid use?

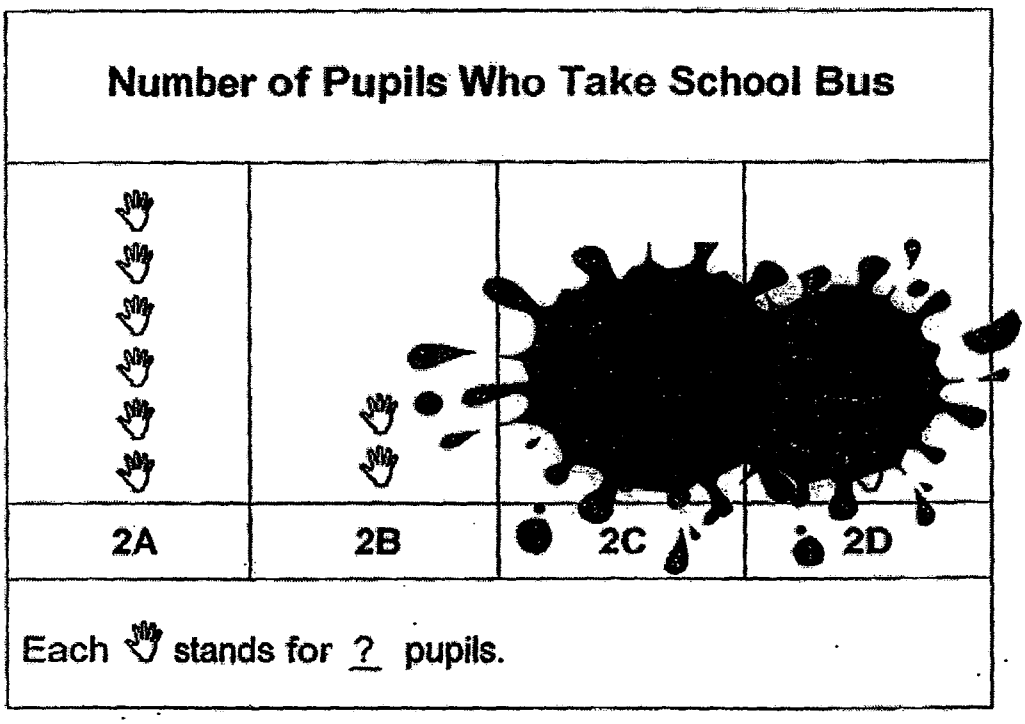
Khalid used _____ 3-litre pails.

44. The table as shown below shows the number of pupils who take school bus to school from 2A, 2B, 2C and 2D on Monday.

The data in the table is used to create the picture graph below.

Part of the table and graph is covered by ink.

Class	2A	2B	2C	2D
Number of Pupils	18	6		15



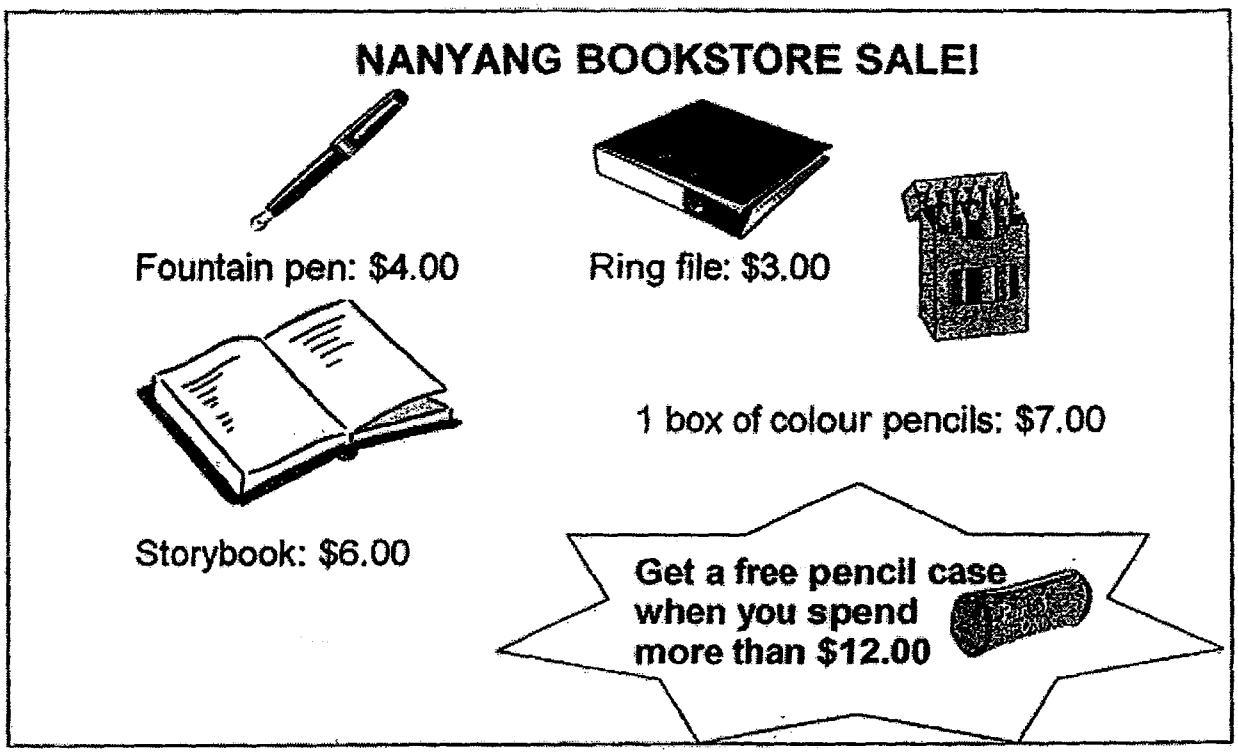
(a) How many pupils does each stand for?

Each stands for _____ pupils.

(b) There is a total of 27 pupils from 2C and 2D.
How many pupils in 2C take school bus?

_____ pupils from 2C take school bus.

45. Study the picture below.



(a) Tim bought 1 fountain pen and 1 box of colour pencils.
How much did he spend in total?

He spent $_____ in total.

(b) Anna bought 2 different items from the bookstore and received a free pencil case.
What was the total price of the 2 different items that she bought?

The total price of the 2 different items that she bought was $_____.

☺ ***End of Paper*** ☺
Please Check Carefully

ANSWER SHEET

EXAM PAPER 2016 (P2)

SCHOOL : NANYANG PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	1	2	1	3	2	3	2	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	3	2	3	3	4	3	1	2	1

Q21) (a) 220
(b) 504

Q22) 4 X 3 = 12
3 X 4 = 12

Q23) $\frac{4}{5}$

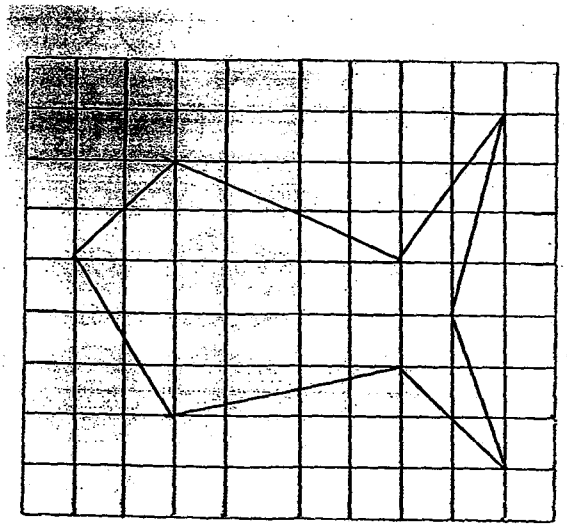
Q24) $\frac{2}{7}$, $\frac{5}{7}$, $\frac{6}{7}$

Q25) $\frac{1}{3}$

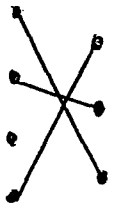
Q26) 9.45 p.m.

Q27) Kelly

Q28)



Q29)



Q30) 787
Q31) 12
Q32) 9
Q33) 6kg
Q34) 769
Q35) 12.50 p.m.
Q36) 16
Q37) 31
Q38) 28
Q39) 6
Q40) The only statement correct is " The volume of water in Jug A is twice the volume of water in Jug B. "

Q41) (a) $24 \div 3 = 8$
She used 8 boxes to pack all the muffins.

(b) $5 \times 3 = 15$
There were 15 muffins left.

Q42) (a) $4 \times 6 = 24$
Alicia bought 24 sweets in total.

(b) $30 - 18 = 12$
Brandon had 12 sweets at first.

Q43) (a) $6 \times \$10 = \$60$
6 such pails will cost $60 in total.

(b) Difference between the pails = $5 - 3 = 2$
If all 5 pails were 5 litre, total litre = $5 \times 5 = 25$l
Difference in litre = $25 - 19 = 6$l
Number of 3-litre pails = $6 \div 2 = 3$
Khalid used 3 3-litre pails.

Q44) (a) 18 ÷ 6 = 3
Each hand stands for 3 pupils.

(b) 27 - 15 = 12
12 pupils from 2C take school bus.

Q45) (a) 7 + 4 = 11
He spent $11 in total.

(b) 7 + 6 = 13
The total price of the 2 different items that she bought was $13.