NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2010

PRIMARY 2

MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

Section A	/ 40
Section B	/ 40
Section C	20

Total:	/ 100

Name: _____ ( )

Class: Primary 2 ( )

Date: 1 November 2010

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. The digit 7 in the number 703 has the value of _____ .

   (1) 7 tens
   (2) 70 ones
   (3) 70 tens
   (4) 70 hundreds ( )

2. Find the sum of 423 and 56.

   (1) 367
   (2) 479
   (3) 488
   (4) 929 ( )

3. The length of a classroom whiteboard is about _____.

   (1) 40 cm
   (2) 40 m
   (3) 4 cm
   (4) 4 m ( )

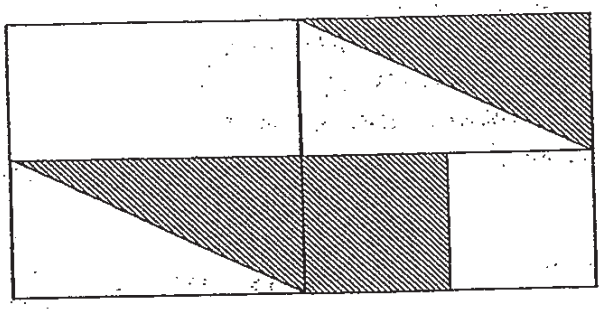
4. Devi bought 24 sweets.
   She shared them with her 3 sisters equally.
   How many sweets did each of them get?

   (1) 6
   (2) 8
   (3) 21
   (4) 27 ( )

5. Mrs Smith baked 157 muffins on Monday.
   She baked 63 more muffins on Tuesday.
   How many muffins did Mrs Smith bake on Tuesday?

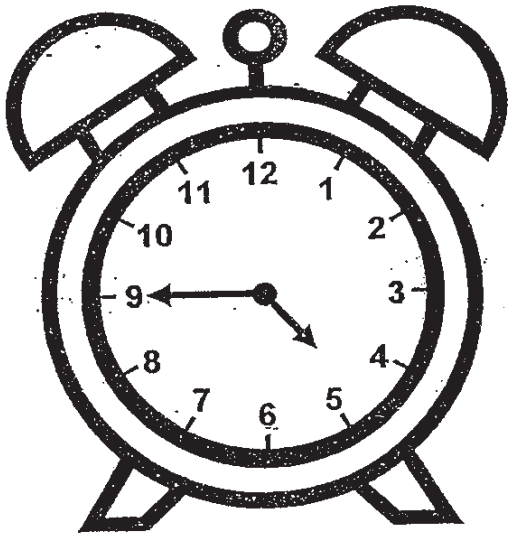
   (1) 94
   (2) 114
   (3) 210
   (4) 220 ( )

6. What fraction of the figure below is shaded?



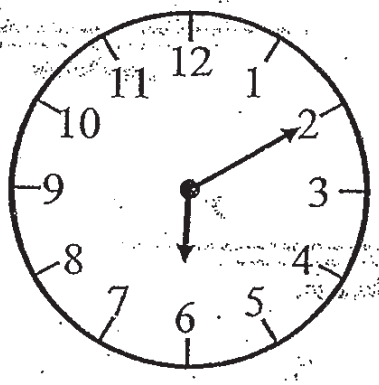
(1) $\frac{3}{7}$
(2) $\frac{5}{7}$
(3) $\frac{3}{8}$
(4) $\frac{5}{8}$
( )

7. What is the time shown on the alarm clock?

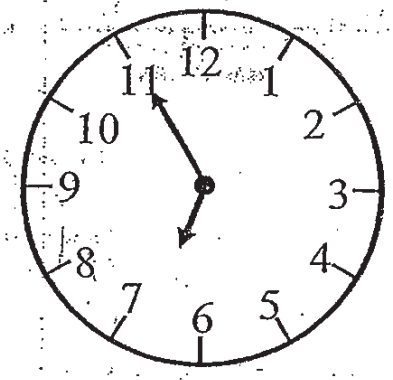


(1) 4.09 p.m.
(2) 4.45 p.m.
(3) 5.09 p.m.
(4) 5.45 p.m.
( )

8. The first clock below shows the time Li Kai started his swimming lesson.
The second clock shows the time he ended his swimming lesson.
How long did his swimming lesson last?



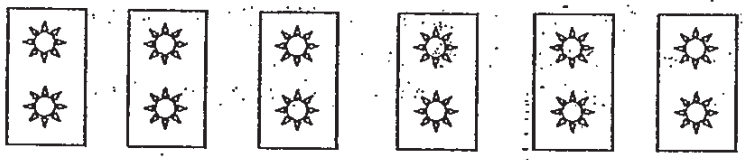
Start



Stop

(1) 9 minutes
(2) 10 minutes
(3) 45 minutes
(4) 55 minutes ( )

9. Which of the following equals to the diagram below?



(1) 6 twos
(2) 6 + 2
(3) 2 X 2 X 2 X 2 X 2 X 2
(4) 6 ÷ 2 ( )

10. There are 764 apples in a crate.
230 of the apples are red and the rest are green.
How many more green apples than red apples are there?

(1) 304
(2) 534
(3) 764
(4) 994 ( )

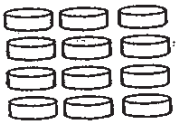
11. Study the diagrams below.

What is the mass of ?

(1)

(2)

(3)

(4) 

( )

12. Hannah invited 10 friends to her birthday party.
Each of her friends ate 2 cupcakes.
How many cupcakes did all of her friends eat?

(1) 5
(2) 8
(3) 12
(4) 20

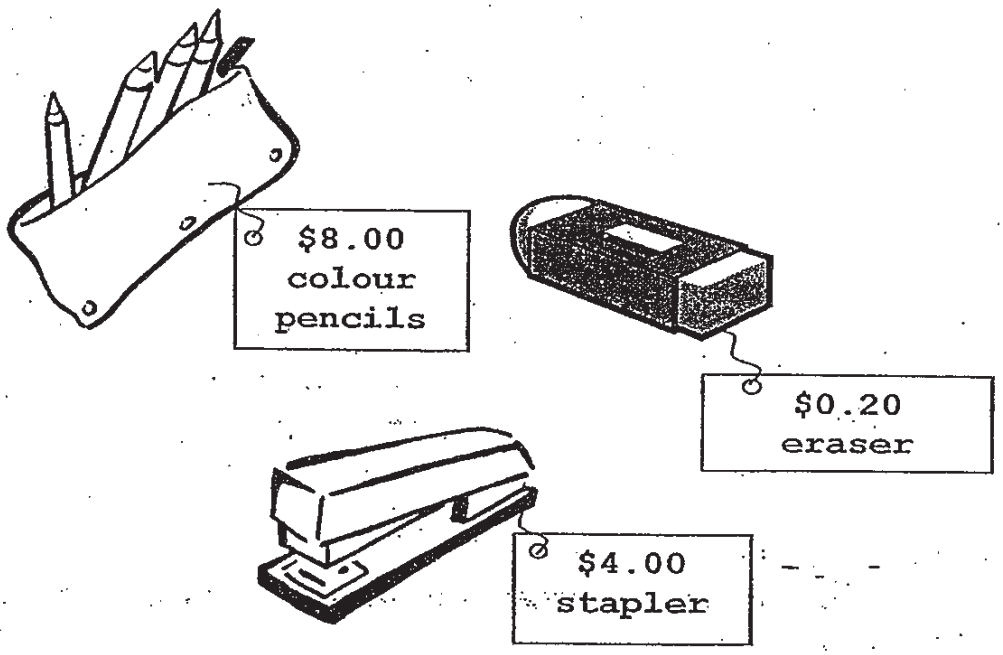
( )

13. David read 3 pages from a book every day, from Monday to Saturday.
He then read the remaining 12 pages of the book on Sunday.
How many pages were there in the book?

(1) 15
(2) 18
(3) 30
(4) 36

( )

14. Siti bought 1 set of colour pencils, 1 stapler and some erasers.
She spent $13.20 altogether.
How many erasers did she buy?

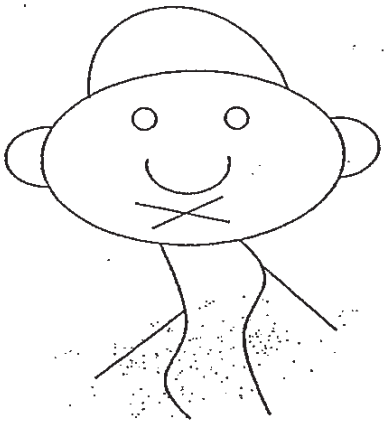


(1) 12 (2) 7
(3) 6 (4) 4 ( )

15. Mrs Ang needs to prepare some fruit punch.
She uses 4 *l* of orange juice, 7 *l* of apple juice and 2 *l* of water to prepare the fruit punch.
How many litres of fruit punch will she get?

(1) 13 (2) 11
(3) 9 (4) 6 ( )

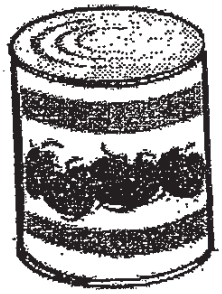
16. How many more curved lines than straight lines are there in the figure below?



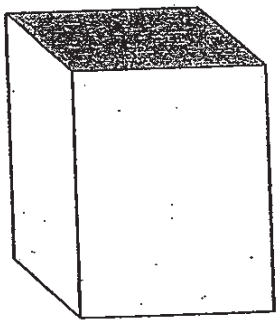
(1) 13
(2) 9
(3) 5
(4) 4

( )

17. How many flat faces do these 2 objects below have altogether?



tomato can



biscuit tin

(1) 9
(2) 8
(3) 7
(4) 6

( )

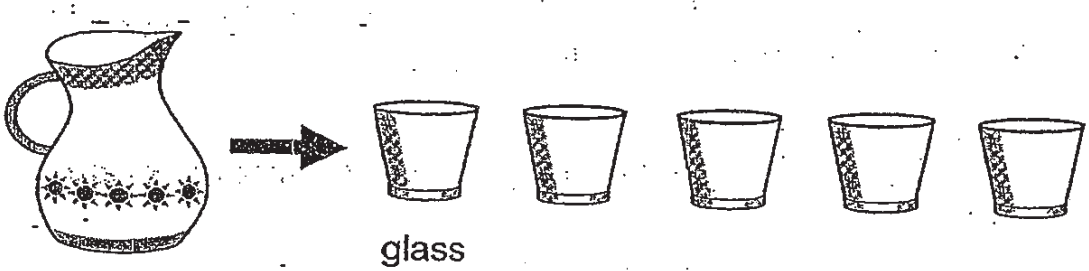
18. During recess, Jeremy bought 4 pencils and a storybook from the bookstore.
He gave the cashier a $10 note.
How much change did he get?

$0.50
pencil

$6
storybook

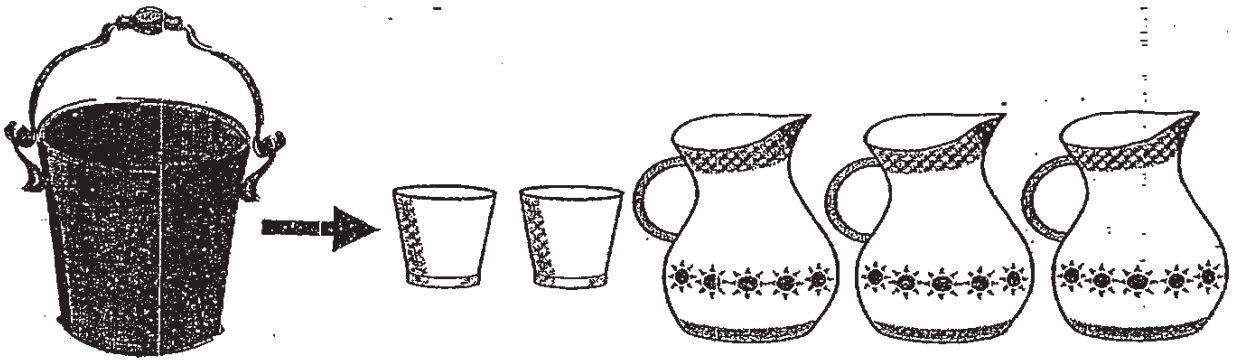
(1) $3.50
(2) $2.00
(3) $5.00
(4) $8.00 ( )

19. How many glasses of water are needed to fill the bucket?



jar

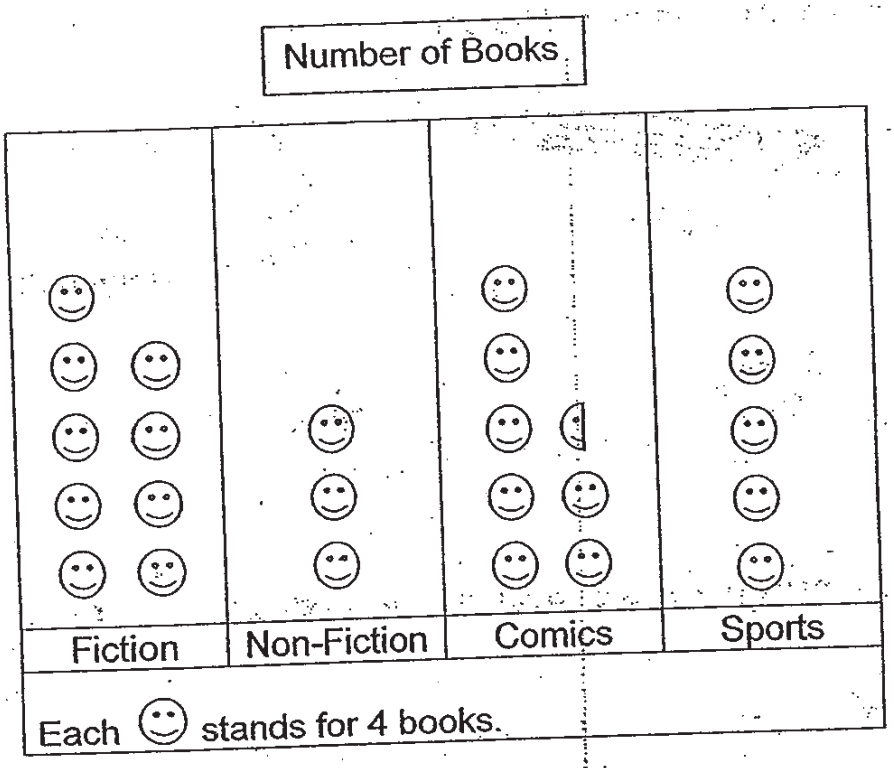
glass



bucket

(1) 5
(2) 7
(3) 15
(4) 17 ( )

20. The picture graph below shows different types of books a class library has.



How many fewer Non-Fiction books than Comics books are there?

(1) 12
(2) 18
(3) 30
(4) 42

( )

Section B

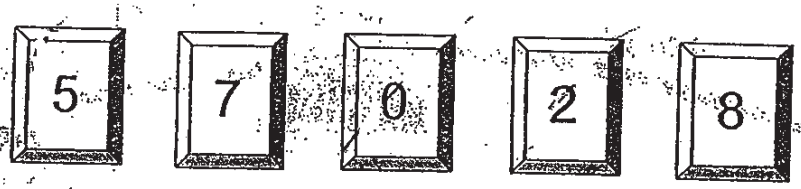
Questions 21 to 40 carry 2 marks each.
Write your answers in the spaces provided.
Give your answer in the units stated. (Total: 40 marks)

21. Write 894 in words

_____

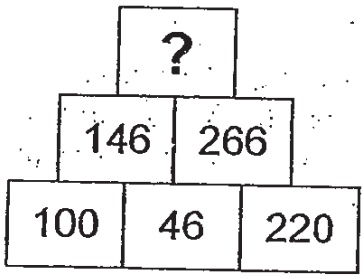
_____

22. What is the smallest 3-digit odd number which can be formed using the cards below?
Each card can only be used once.



Answer : _____

23. What is the missing number?

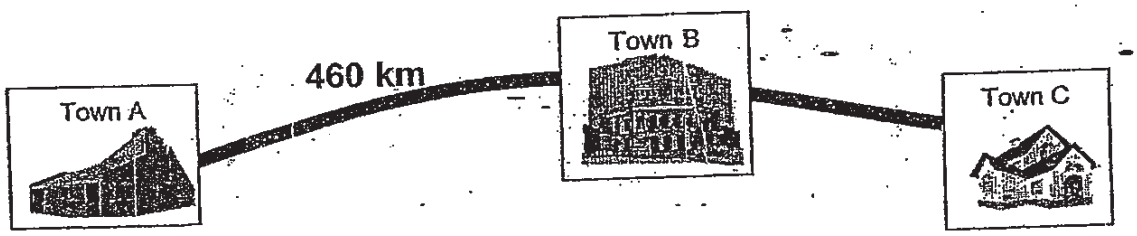


Answer : _____

24. A floral shop had 686 stalks of roses in the morning.
At the end of the day, there were 99 stalks left.
How many stalks of roses were sold?

Answer : _____

25. The distance between Town A and Town B is 460 km.
The distance between Town B and Town C is 190 km shorter than the distance between Town A and Town B.
What is the distance between Town A and Town C?

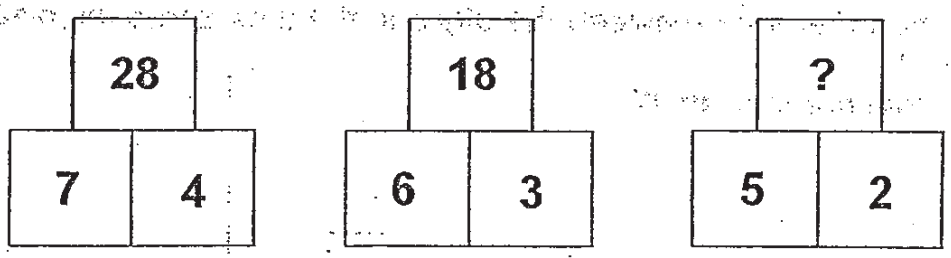


Answer : _____ km

26. Yun Qi has 19 stickers.
Her mother gives her another 8 stickers.
Yun Qi then packs all her stickers equally into 3 packets.
How many stickers are there in each packet?

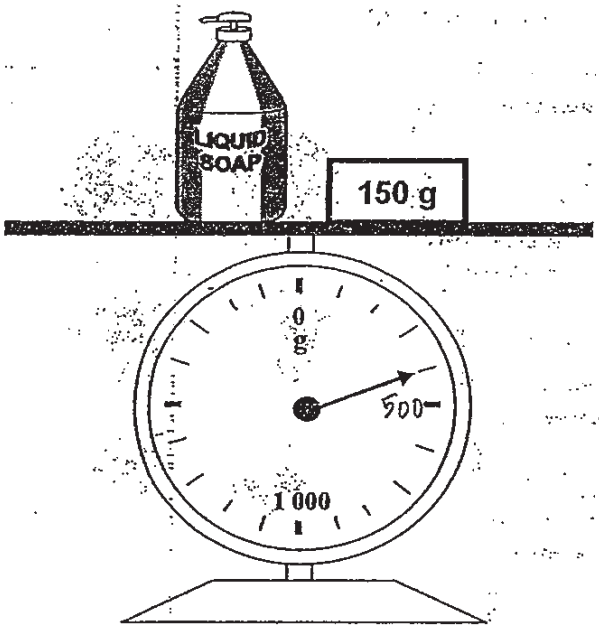
Answer : _____

27. Study the figures below.
What is the missing number?



Answer : _____

28. What is the mass of **2 bottles** of liquid soap?

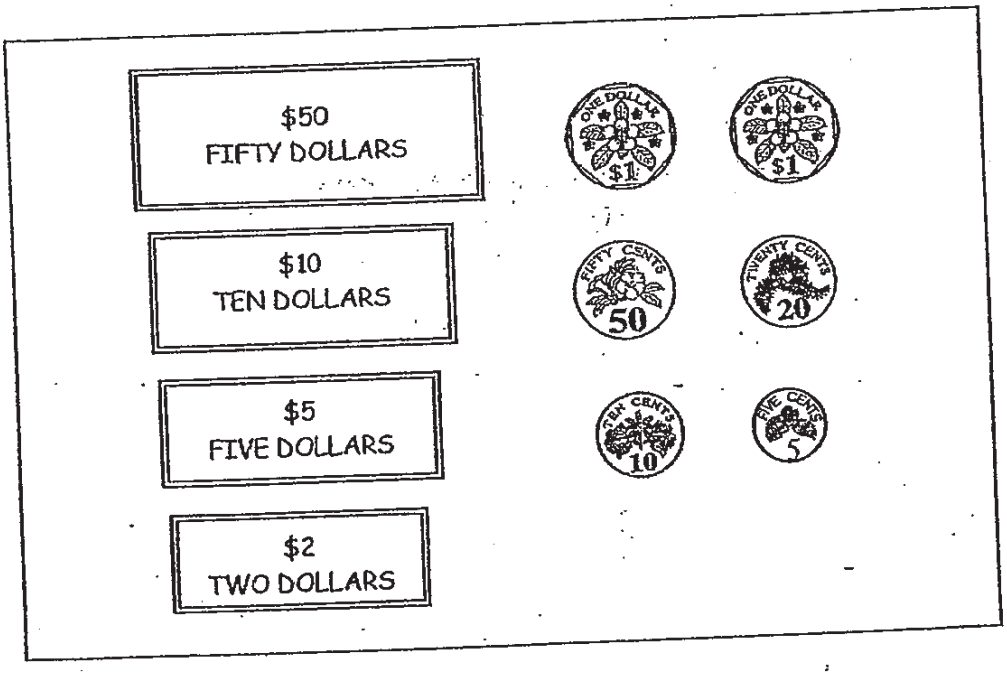


Answer : _____g

29. I am a 3-digit number between 900 and 1000.
I am an even number.
The digit in the hundreds place is the sum of the digits in the tens and ones place.
The difference between the digits in the tens and ones place is 1.
What number am I?

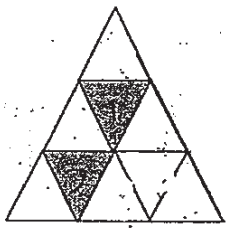
Answer : _____

30. Jane needs help to count the amount of money she has in her piggy bank.
How much money does she have?



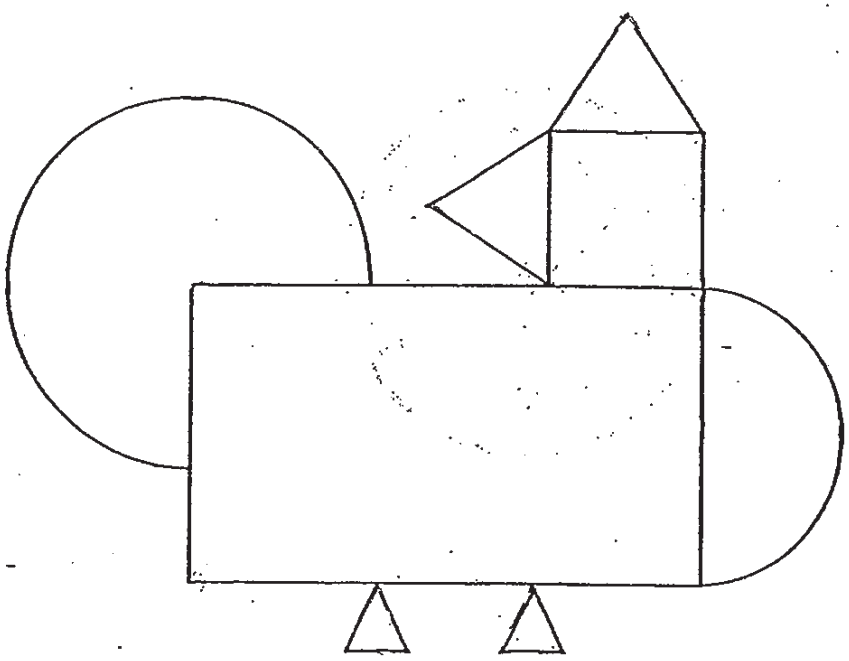
Answer : $ _____

31. What fraction of the figure below is unshaded?



Answer : _____

32. Using a ruler, draw 5 straight lines in the figure below to show 5 quarter circles and 8 triangles.



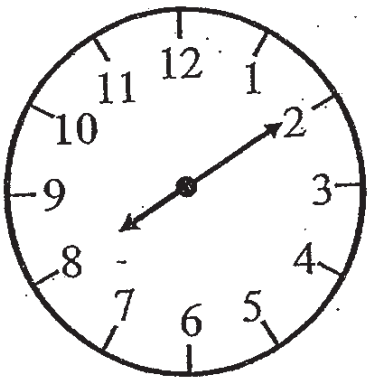
33. Arrange the following fractions from the greatest to the smallest.

$\frac{3}{11}$, $\frac{2}{11}$, $\frac{5}{11}$, $\frac{10}{11}$

_____ , _____ , _____ , _____

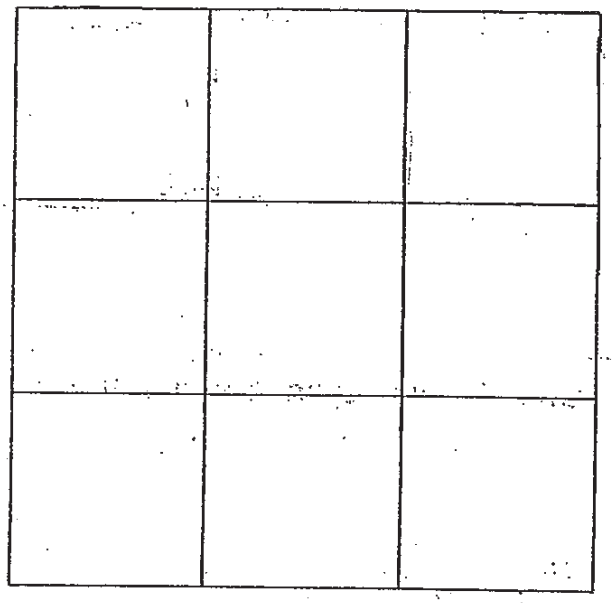
(Greatest) (Smallest)

34. Evelyn wanted to watch a movie in the evening but she was 10 minutes late.
The clock below shows the time she reached the cinema.
What time did the movie start?



Answer : _____

35. Mrs Chong cut a cake into 9 equal pieces as shown below.
She ate three slices of the cake and gave 2 slices away.
The rest of the cake was shared equally between her 2 daughters.
What fraction of the cake did **each** daughter get?



Answer : _____

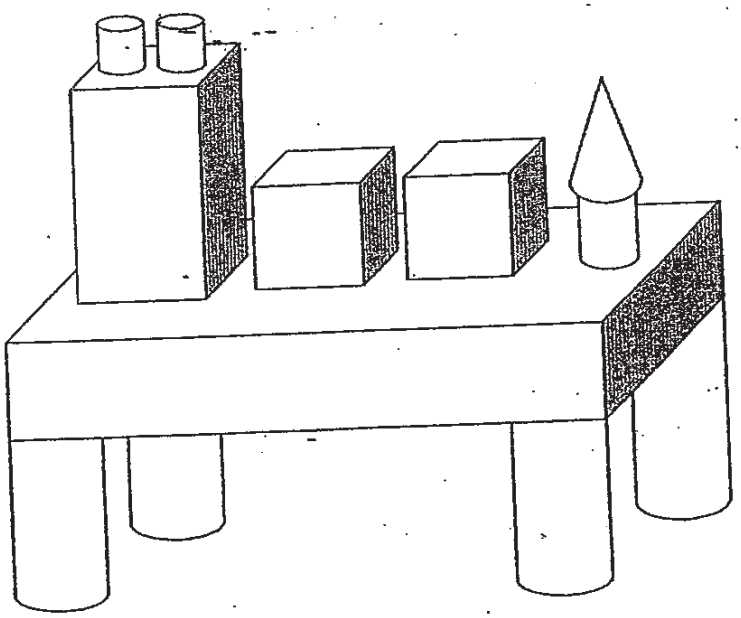
36. Ali had $8 left after buying a pencil case.
He had $15 at first.
How much did the pencil case cost?
Write your answer **in cents**.

Answer : _____ ¢

37. Mr Tan filled his car with 69 litres of petrol.
After driving to Johor Bahru, he had 26 litres of petrol left.
How many litres of petrol did he use for the trip?

Answer : _____ litres

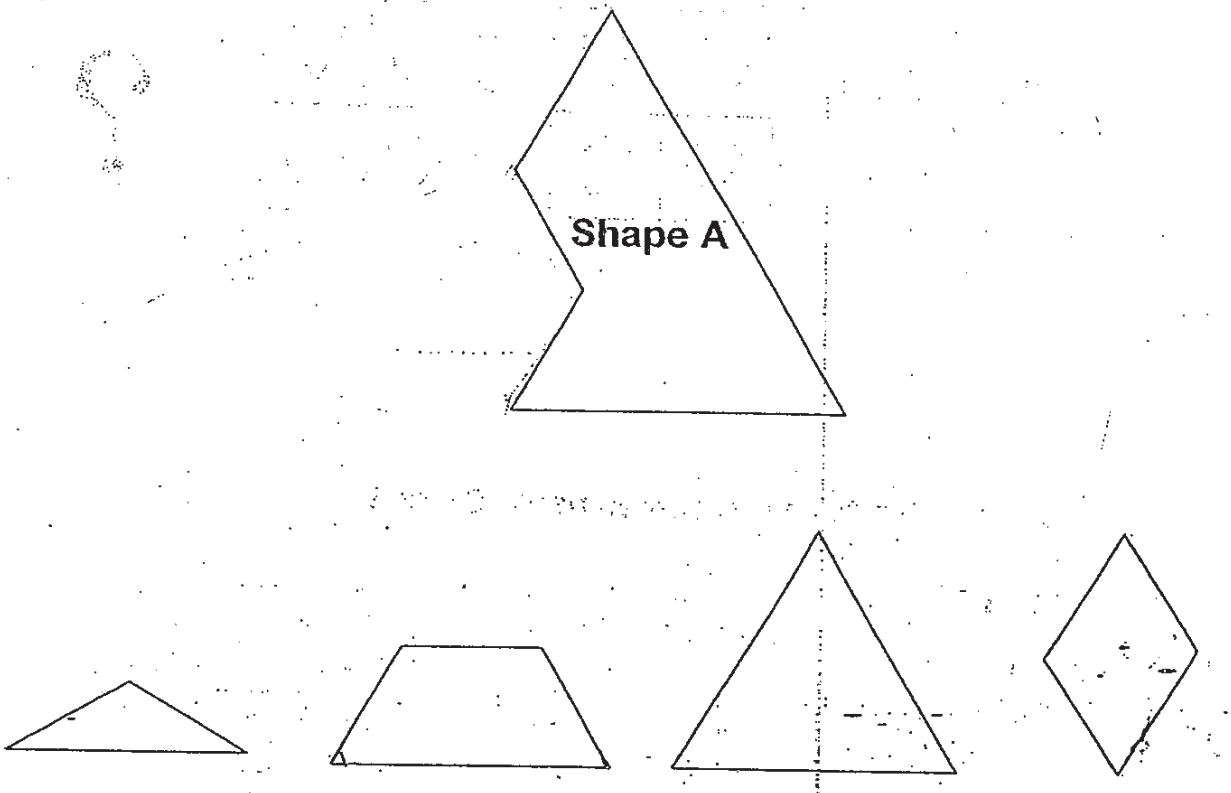
38. How many cuboids and cylinders are there in the figure below?



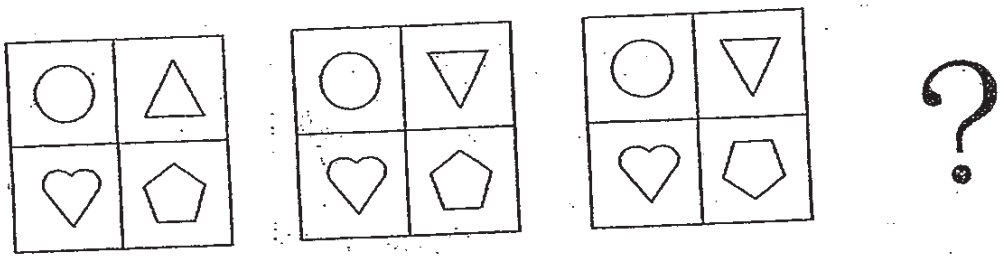
Answer: _____ cuboids

_____ cylinders

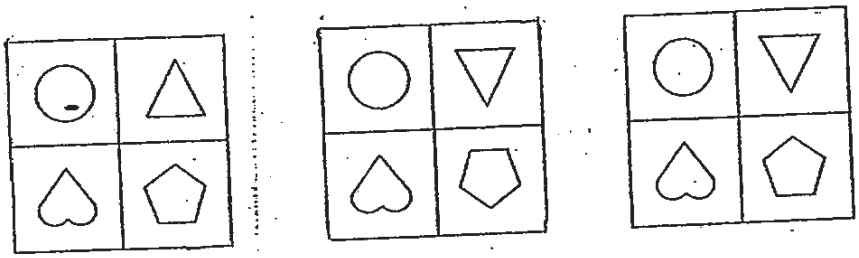
39. Circle the missing piece needed to form a triangle with Shape A.



40. Study the pattern below.



Which of the following comes next? Circle it.



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. On the first day of the school fund raising, Nick sold 134 flags.
Nick sold a total of 400 flags on the first day and the second day.
How many more flags did Nick sell on the second day than the first day?

Nick sold _____ more flags on the second day.

42. Jascinta spent $235.
Mary spent $150 more than Jascinta but $97 less than Susan.
How much did Susan spend?

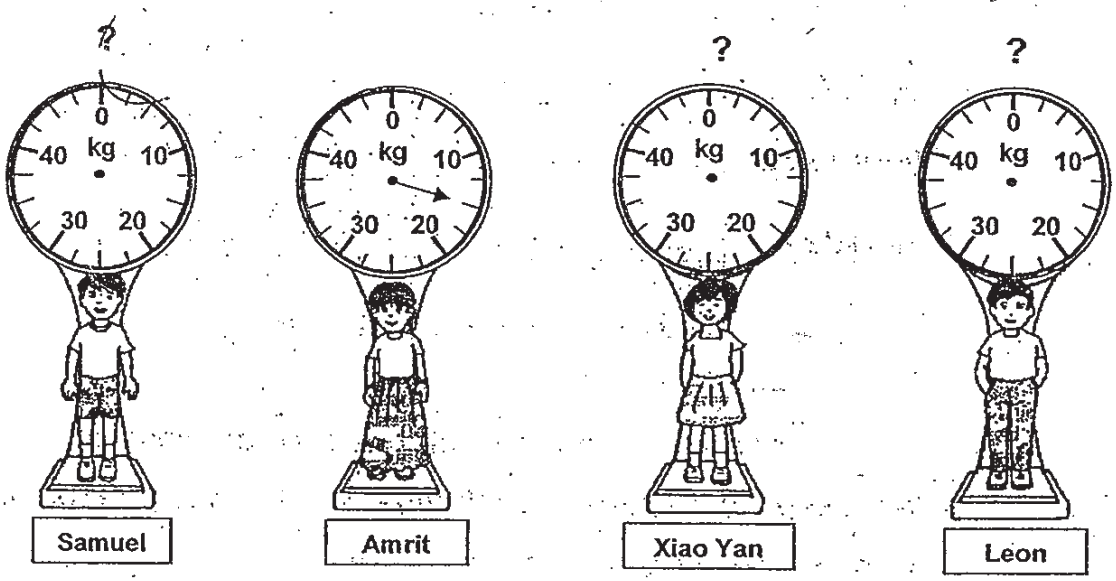
Susan spent $_____.

43. Mr Wong sold moon cakes during the Mid-Autumn Festival.
For every 5 boxes of moon cakes sold, he gave 2 lanterns for free.
At the end of the week, Mr Wong realised that he had given away 10 lanterns.
How many boxes of moon cakes did Mr Wong sell?

Boxes of moon cakes	
Number of lanterns	

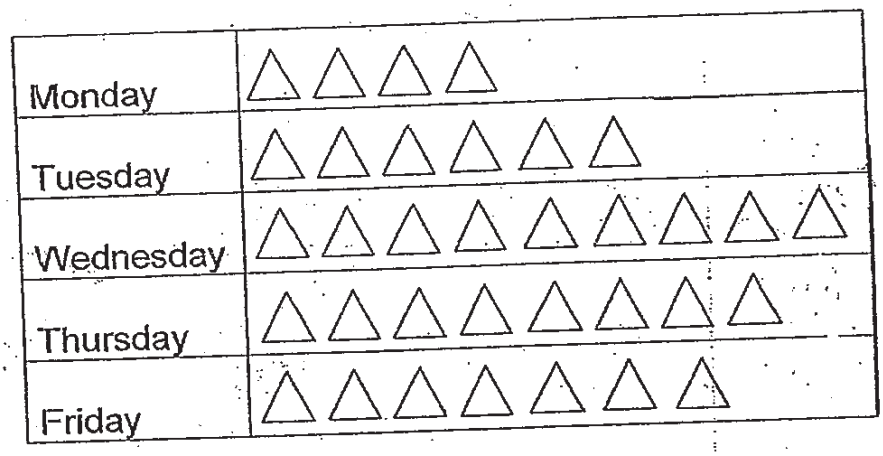
Mr Wong sold _____ boxes of mooncakes.

44. The mass of Xiao Yan is 5 kg less than Amrit.
The total mass of Samuel and Amrit is 40 kg.
The total mass of Xiao Yan and Leon is 45 kg.
What is the total mass of the Samuel and Leon?



The total mass of Samuel and Leon is _____ kg.

45. The picture graph below shows the number of children who attended the art classes during the September holidays.



a) If the number of children who attended the art class on Wednesday is 15 more than those who attended on Monday, how many children does each △ stand for?

Each △ stands for _____ children.

b) 20 children attended the art class on Saturday.
If each ○ stands for 4 children, draw ○ to show the number of children who attended the art class on Saturday in the box below.

Saturday	

Answer Ke

EXAM PAPER 2010

SCHOOL : NANYANG PRIMARY
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

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

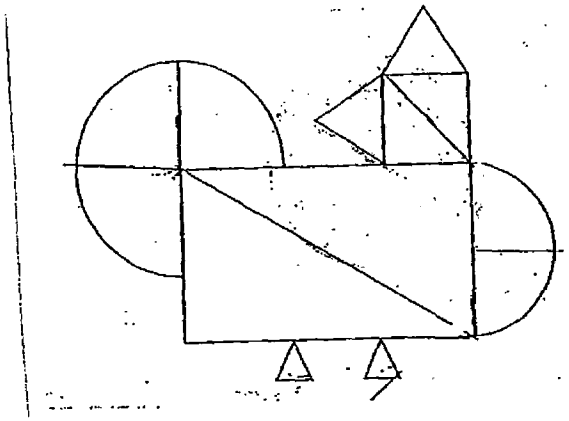
Q18	Q19	Q20
2	4	2

21) Eight hundred and ninety-four **22) 205** **23) 412** **24) 587**

25) 730 **26) 9** **27)10** **28) 500** **29) 954** **30) $69.85**

31) 7/9

32)

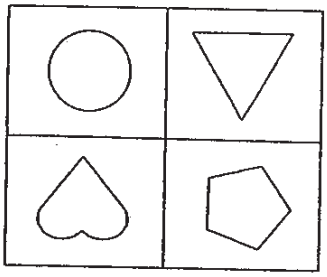


33) 10/11, 5/11, 3/11, 2/11 **34) 8.00pm** **35) 2/9** **36) 700**

37) 43 **38) 2 cuboids, 7 cylinders**

39)

40)



41) $400 - 134 = 266$
$266 - 134 = \underline{132}$

42) $\$235 + \$150 + 97 = \underline{\$482}$

43)

Moon cakes	5	10	15	20	25
lanterns	2	4	6	8	10

44) Samuel's mass: $40 - 15$
$= 25$kg
Xiao Yan's mass: $15 - 5$
$= 10$kg
Leon's mass: $45 - 10$
$= 35$kg
Total mass of Samuel and Leon
$= \underline{60\text{kg}}$

45a) 3

45b)

Saturday	○ ○ ○ ○ ○