Pei Chun Public School
Semestral Assessment 2 – 2009
Mathematics
Primary 2

Name: _____ ( )   Marks :

Class : Primary 2 ___

Date : 28 October 2009

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature: _____

This Booklet	80
Booklet K	20
T O T A L	100

Section A (8 × 2 marks)

For each question, choose the correct answer and write its number in the brackets provided.

1. Which is the smallest number?

   (1) 459   (2) 495

   (3) 573   (4) 753   ( )

2. In 174, the digit 1 stands for _____.

   (1) 1 one   (2) 10 ones

   (3) 1 ten   (4) 10 tens   ( )

3. Aini bought 3 bags of sweets. Each bag has 6 sweets. How many sweets does she have altogether?

   (1) 9   (2) 2

   (3) 3   (4) 18   ( )

4. $\frac{4}{7}$ and $\frac{\square}{7}$ make 1 whole. What is the missing number in the box?
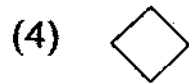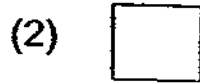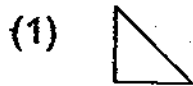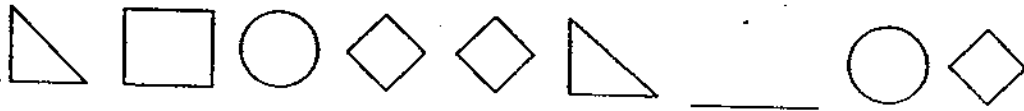
   (1)   7   (2)   11

   (3)   3   (4)   4   (   )

5. What is the missing shape in the pattern below?

   (1)   (2)

   (3)   (4)   (   )

6. The mass of a new pencil is about _____.

   (1)   4 g   (2)   400 g
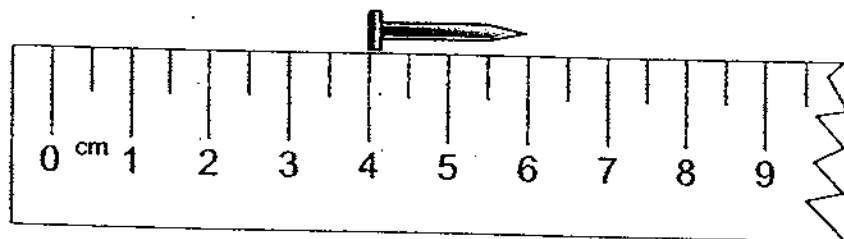
   (3)   4 kg   (4)   400 kg   (   )

7. The diagram below shows a nail and a part of a ruler.

   What is the total length of 3 such nails?

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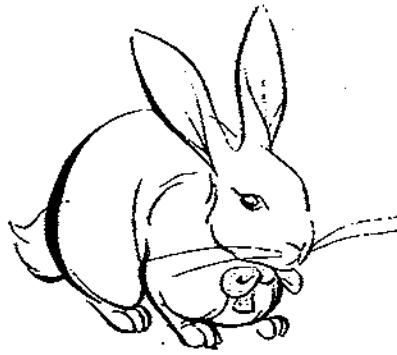
   (3)   7 cm   (4)   9 cm   (   )

8. A rabbit has 1 nose and 4 legs. Two rabbits have 2 noses and 8 legs altogether.

How many rabbits are there if there are 12 more legs than noses altogether?

(1)   15   (2)   6

(3)   3   (4)   4   (   )

9.   **Refer to Booklet K.**

10. **Refer to Booklet K.**

Show your working clearly in the space below each question. Write the answers in the blanks provided. For questions that require units, give your answers in the units stated.

11. $259 + 70 =$ _____

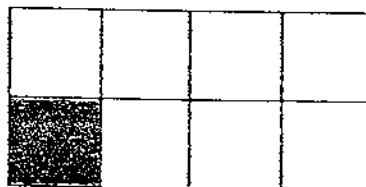12. Arrange the numbers from the greatest to the smallest.

| 481, | 148, | 184, | 841 |

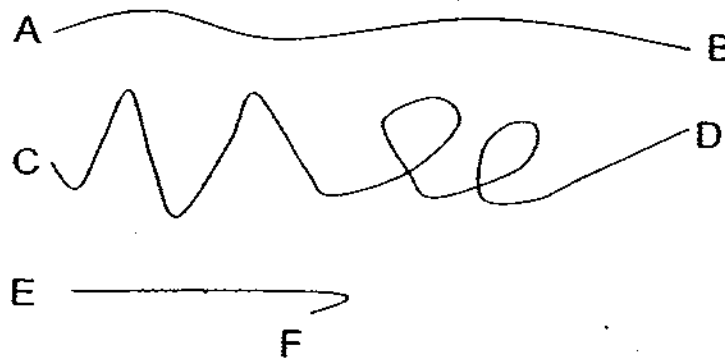_____, _____, _____, _____
greatest

13. Which is the smallest fraction?

$$\frac{1}{2}, \quad \frac{1}{4}, \quad \frac{1}{6}$$

14. What fraction of the figure below is shaded?

15. Study the lines below.
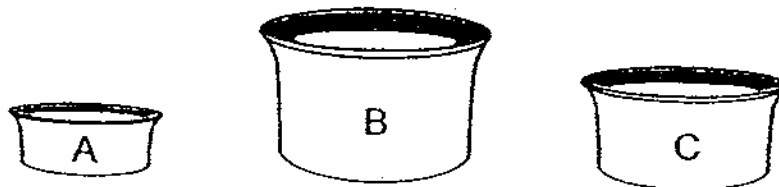

Which line is the longest?

16. How many curved lines and straight lines are there in the word below?

STOCK

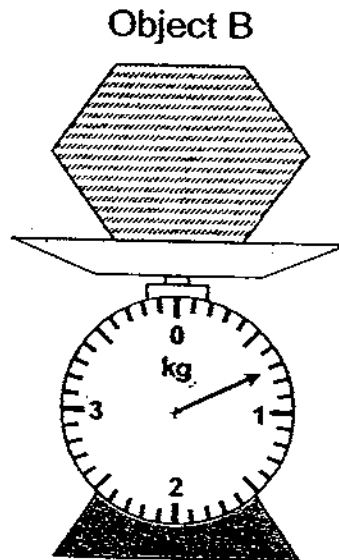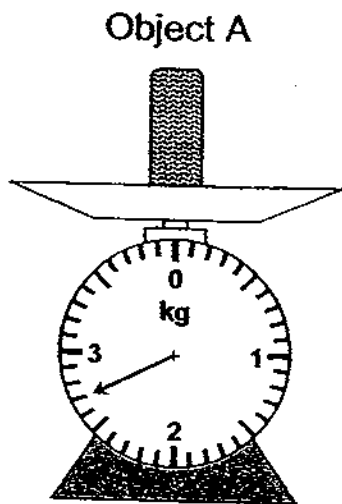_____ curved lines

_____ straight lines

17. The containers below are completely filled with water.

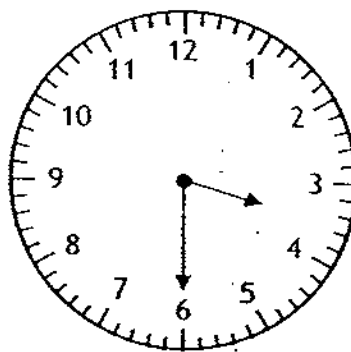Which container, A, B or C, contains the greatest volume of water?

Container _____

18.   Which is heavier?

Object A

Object B

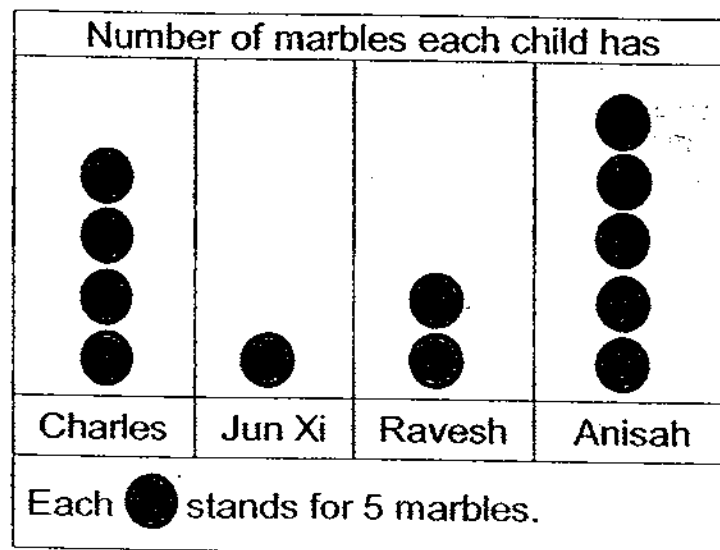: Object _____

19.   Study the clock face below.

What time does it show?

30 minutes after _____

20. What is the missing number in the box?

$$56 - \boxed{} = 32 \div 4$$

Study the graph below and answer questions 21 and 22.

Number of marbles each child has

Charles	Jun Xi	Ravesh	Anisah
● ● ● ●	●	● ●	● ● ● ● ●
Charles	Jun Xi	Ravesh	Anisah

Each ● stands for 5 marbles.

21. How many marbles does Anisah have?

_____ marbles

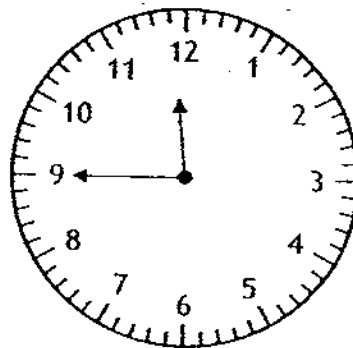22. Who has more than 5 but less than 15 marbles?

_____

23. Ben had 600 eggs. 236 of them hatched into chicks. How many eggs did **not** hatch?

_____ eggs

24. How many minutes are there from 2 p.m. to 3 p.m.?

_____ minutes

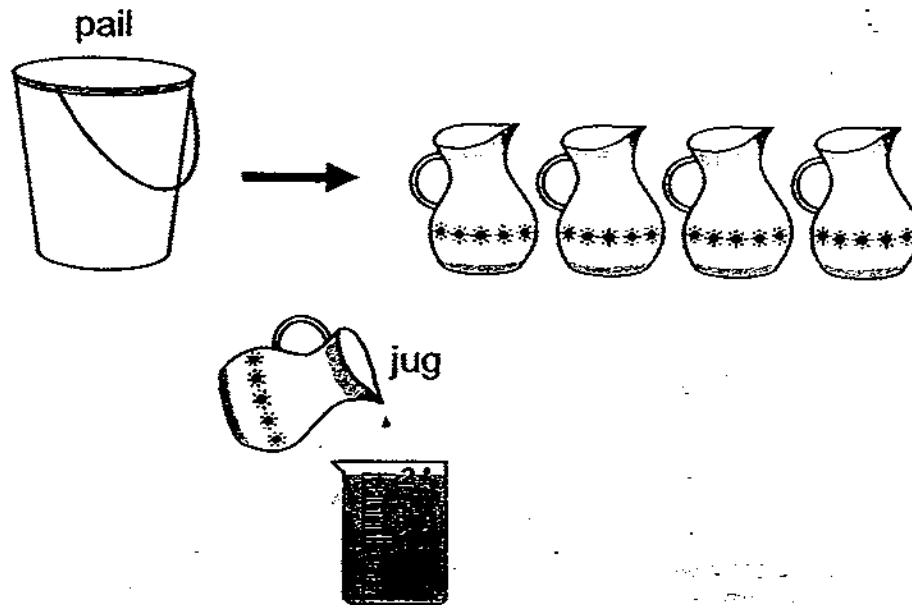25. Kumar left home at 11.45 a.m. He took 35 minutes to reach the library. At what time did he reach the library?

_____

26. Shu Yi walked 120 m to meet her friend. Then, they walked 450 m to school together. How far did Shu Yi walk in all?

_____ m

27. Study the diagrams below.

pail

jug

How many litres of water are needed to fill an empty pail completely?

_____ ℓ
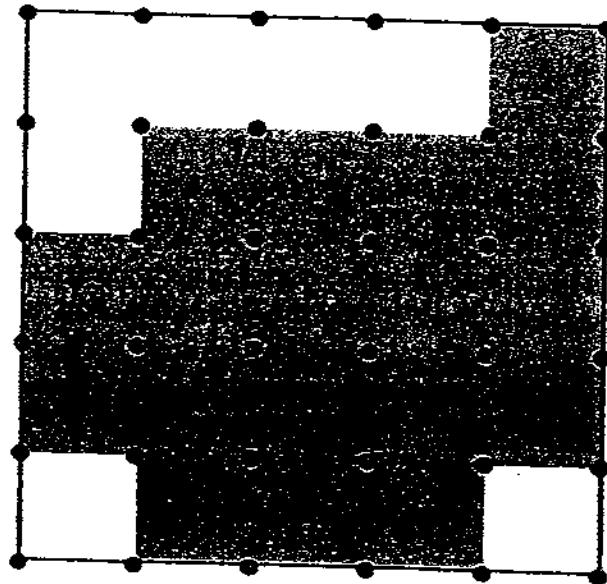
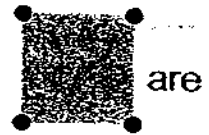28. How many 5-cent coins are needed to make 45¢?

_____ coins

29. Kelly bought some toys. She gave the cashier $50 and received $17 change. How much did she spend on the toys?

$ _____

30. Study the figure below. At least how many **more** are needed to form a square in the figure below?

31. **Refer to Booklet K.**

32. **Refer to Booklet K.**

33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

Section C (6 × 4 marks)

Work out the problem sums below. All working, statements and answers must be clearly shown.

35. Mdm Choo used 125 g of flour to bake some cookies. She had 425 g of flour left. How much flour did she have at first?

36. There are 706 people on a train. 384 of them are males.

(a) How many females are there on the train?

(b) How many **more** males than females are there on the train?

37. Chandra made a pizza. He gave $\frac{2}{10}$ of the pizza to Lily and $\frac{5}{10}$ of the pizza to Zaini. What fraction of the whole pizza was left?

38. Jayden has 61 cm of ribbon. Bala's ribbon is 13 cm shorter than Jayden's. What is the total length of their ribbons?

39. Sue needs 5 ℓ of paint for a kitchen. She needs twice the amount of paint for a bedroom.

(a) How much paint does Sue need for a bedroom?

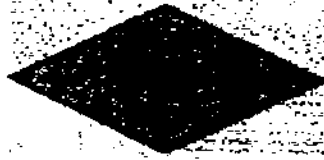(b) How much paint will Sue need for 3 such bedrooms?

40. Jian Hong bought a set of sofa for $395. He gave the cashier some money and received two $50 notes and a $5 note change. How much money did Jian Hong give to the cashier?

41. Refer to Booklet K.

42. Refer to Booklet K.

End of this Booklet

Set by   :   Mrs Lim Hwee Mian
Vetted by: P2 Maths Committee Teachers

NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION
2009

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: _____

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

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.   435 + 361 = _____

        (1)   774   (2)   796
        (3)   786   (4)   806   (   )

2.   James folded 527 paper cranes yesterday.
      He folded 463 paper cranes today.
      How many paper cranes did he fold altogether?

        (1)   64   (2)   980
        (3)   990   (4)   1090   (   )

                100
3.   (10 tens more)than 745 is _____.

        (1)   746   (2)   845
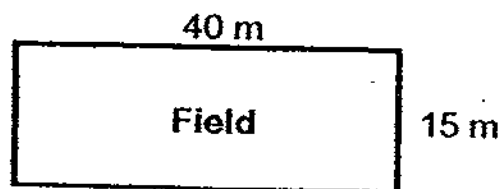   (3)   755   (4)   855   (   )

1

4. Mary had 598 stickers.
She gave Siti 32 stickers.
Now they have the same number of stickers.
How many stickers did Siti have at first?

(1) 534
(2) 630
(3) 566
(4) 662   (   )

5. Mingli walked round the rectangular field once.
What was the distance he walked?

40 m

Field   15 m

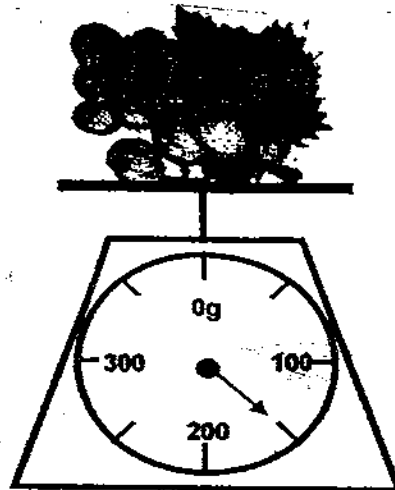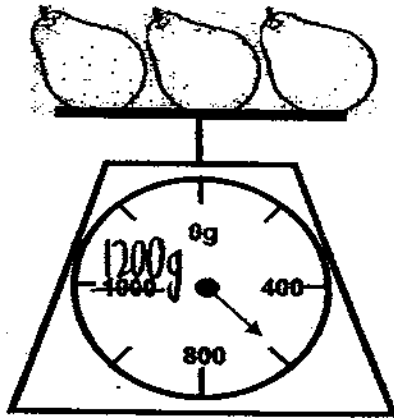(1) 55 m
(2) 95 m
(3) 110 m
(4) 220 m   (   )

6. The length of a car is 260 cm.
The length of a bicycle is 147 cm.
How much longer is the car compared to the bicycle?

(1) 113 cm
(2) 123 cm
(3) 127 cm
(4) 407 cm   (   )

2

7. Find the total mass of one pear and the bunch of grapes.


(1) 200 g   (2) 650 g
(3) 350 g   (4) 750 g   (   )

8. Muthu spent 6 minutes skipping rope on Monday.
He skipped rope for 9 minutes on Tuesday and 12 minutes on Wednesday.
He increased the time for skipping at the same rate.
How many minutes did he skip on Saturday?

Day	Mon	Tue	Wed	Thu	Fri	Sat
Time Spent on Skipping rope (minutes)	6	9	12			?

(1) 15 minutes   (2) 18 minutes
(3) 21 minutes   (4) 24 minutes   (   )

3

9. Mrs Tan baked 4 trays of cookies.
   There were 6 cookies on each tray.
   She then ate 5 cookies.
   How many cookies had she left?
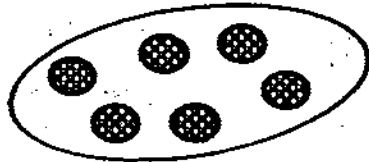
(1) 19   (2) 20
(3) 24   (4) 30   (   )

10. Mr Lim bought 6 T-shirts and 2 caps.
    He spent $69 altogether.
    How much did each T-shirt cost?

$? $4.50

(1) $6   (2) $10
(3) $18   (4) $60   (   )
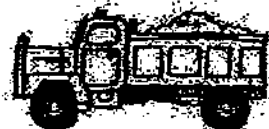
4

11. Ali bought a toy plane, a toy motorcycle and a toy lorry.
    He gave the cashier $20.
    How much change did he get?

| 1 for $5 | 1 for $3 | 1 for $6 |

(1) $6
(3) $19
(2) $14
(4) $34   (   )

12. Mr Lim bought 2 admission tickets to the zoo for himself and
    his son.
    He had $70 in his wallet after paying for the tickets.
    How much money did he have at first?

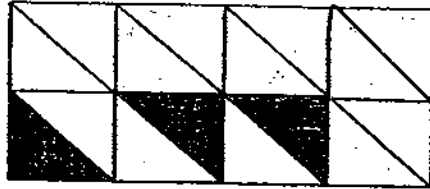**Singapore Zoological Gardens**
Admission Tickets

Adult : $22.50   Child : $ 12.50

(1) $35.00
(3) $92.50
(2) $82.50
(4) $105.00   (   )
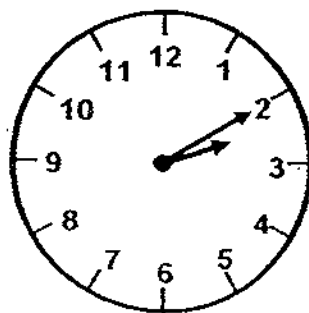
13. What fraction of the figure is shaded?

(1) $\dfrac{3}{13}$

(2) $\dfrac{3}{16}$

(3) $\dfrac{10}{13}$

(4) $\dfrac{13}{16}$

(   )

14. A pizza was cut into 9 equal slices.

Sally ate $\dfrac{2}{9}$ of the pizza.

Her brother and sister ate one slice each.
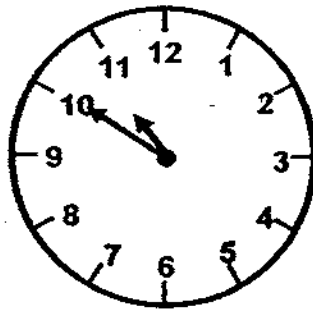What fraction of the pizza was eaten?

(1) $\dfrac{4}{9}$

(2) $\dfrac{5}{9}$

(3) $\dfrac{6}{9}$

(4) $\dfrac{7}{9}$

(   )

15. What is the time shown on the clock?

(1) 1.02 p.m.

(2) 1.10 p.m.
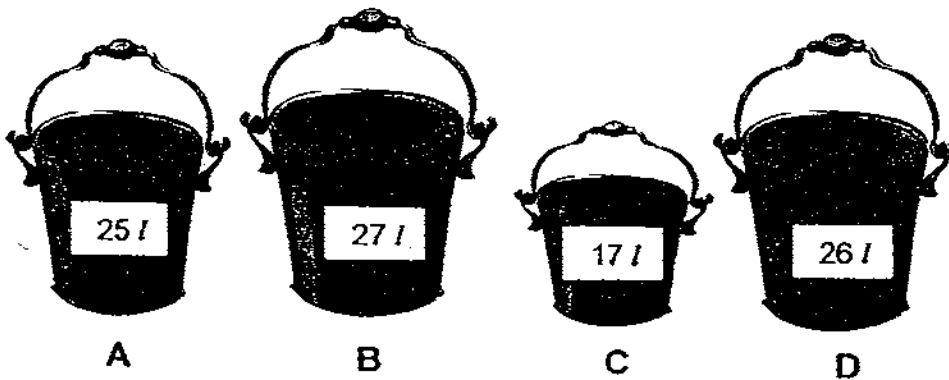
(3) 2.10 p.m.

(4) 2.20 p.m.

(   )

6

16. Look at the clock.
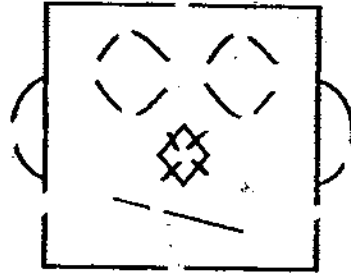

30 minutes later, it will be _____.

(1) 10.20 a.m.   (2) 10.50 a.m.
(3) 11.10 a.m.   (4) 11.20 a.m.   (   )

17. Jenny has 2 pails of water.
They contained 43 litres of water altogether.
Which 2 pails does she have?

25 l	27 l	17 l	26 l
A	B	C	D

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

18. How many more straight lines than curves are there in the figure below?
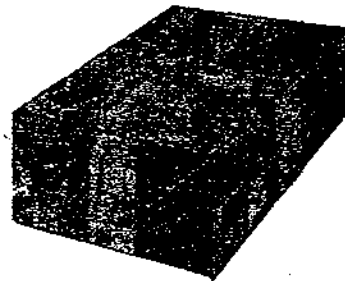

(1) 8
(3) 3

(2) 2
(4) 4

(　　　)

19. How many faces do these 2 objects have altogether?

Can

Parcel

(1) 9
(3) 5

(2) 8
(4) 4

(　　　)

20. The picture graph shows the number of coloured marbles Jason has.

Number of Coloured Marbles.

Blue	◎ ◎ ◎ ◎ ◎ ◎ ◎ ◎
Red	◎ ◎ ◎
Orange	◎ ◎ ◎ ◎ ◎
Yellow	◎ ◎
Each ◎ stands for 3 marbles.	

How many more blue marbles than orange marbles does Jason have?

(1) 9   (2) 15
(3) 3   (4) 24   (   )

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.   Kelly had 4 number cards.
       What is the smallest 3-digit number she can form?

       | 8 | 5 | 4 | 2 |

                                    Answer : _____

22.   Fill in the missing digits in the boxes provided.

```
     9  2  □
  -  7  □  7
  _____
     1  3  3
```

23. Aini lost her kitten.
She made 1000 copies of poster to look for her kitten.
She gave out 647 copies to the passers-by.
How many copies of the poster had she left?

Answer : _____

24. Mr Tan is 1 m 68 cm tall.
He is standing on a stool.
The height of the stool is 34 cm.
What is the total height of Mr Tan and the stool?

Answer : _____ cm

25. There is a problem on the weighing scale.
It reads 50 g when nothing is placed on the scale.
Sumei places the doll on the scale to find out its mass.
What is the actual mass of the doll?
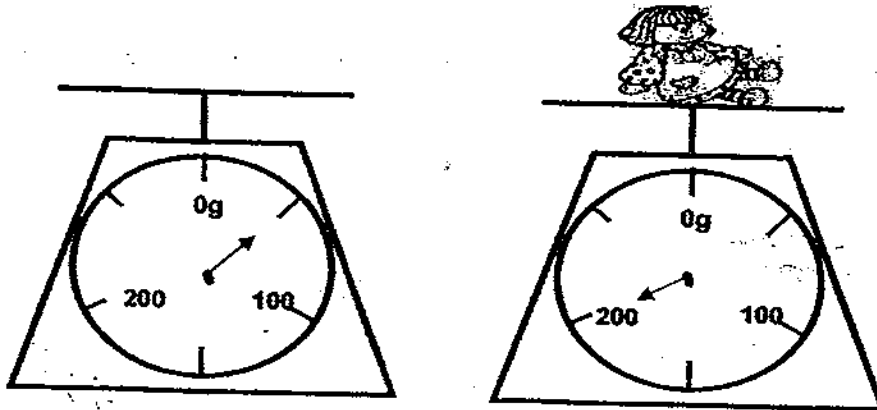
Answer : _____ g

26. Mrs Lim has 7 children.
She wanted to buy 2 notebooks for each of her children.
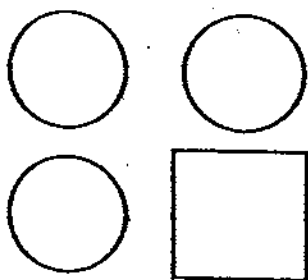How many notebooks must she buy?

Answer : _____

27. The capacity of a bottle is 5 litres.
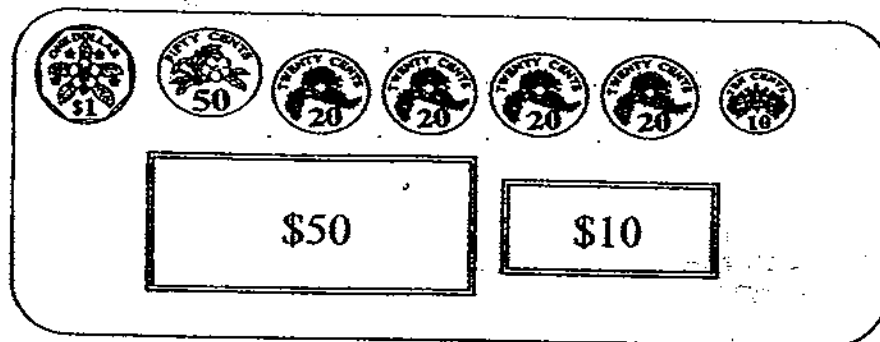   How many bottles are needed to fill the 40 litre barrel completely?

Answer : _____

28. Mr Wong needs to place 4 plates on each round table and 5 plates on the square table.
    There are 3 round tables and 1 square table.
    How many plates does he need?

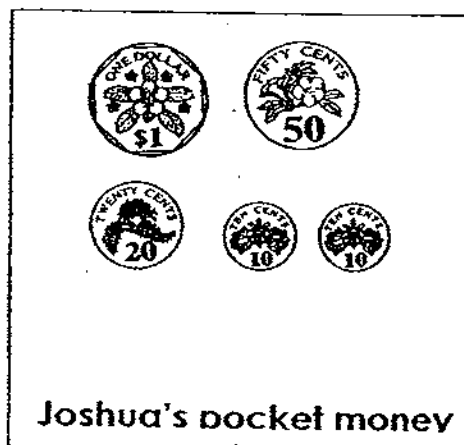Answer : _____

29. Miss Scatterbrain needs help to count her money in her purse.
How much money does she have?

Answer : $_____

30. The pictures below show the pocket money that Kate and Joshua receive.
    (i)   Who receives more pocket money?
    (ii)   How much more?

Kate's pocket money   Joshua's pocket money

Answer : (i) _____

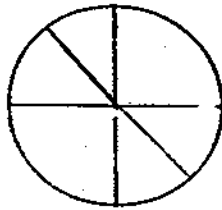(ii) $_____

14

31. Freddy ate $\frac{1}{4}$ of his birthday cake.

He then cut the remaining cake into 6 equal pieces to give to his 6 friends.

What fraction of the cake did each friend get?

Answer : _____

32. Arrange the fractions in order. Begin with the greatest.

$\frac{3}{7}$	$\frac{5}{7}$	$\frac{1}{7}$	$\frac{2}{7}$

Answer : _____ , _____ , _____ , _____

33. The table below shows the durations of television shows.

(#)kto	
Duration	Show
1 hour	The Mr Men
30 mins	Monster Warriors

'The Mr Men' started at 12 noon.
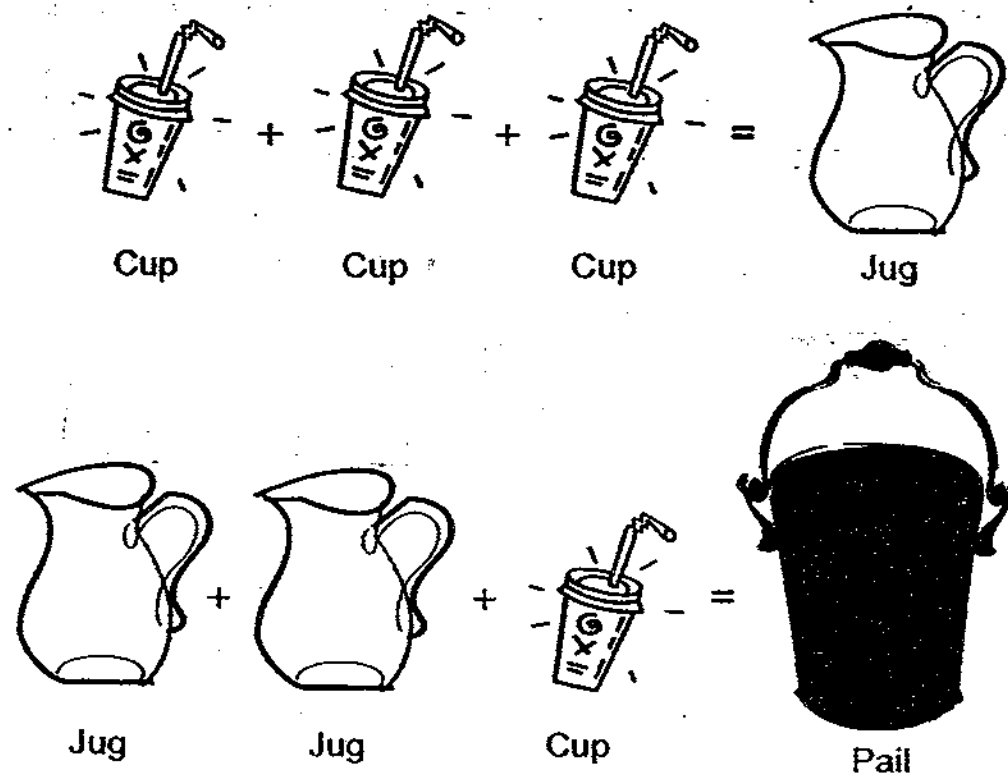What time did the 'Monster Warriors' show end?

Answer : _____ p.m.

34. A hawker sold 34 litres of soup on Monday.
He sold 45 litres of soup on Tuesday.
How many litres of soup did he sell on both days?

Answer : _____ l

35. Study the picture below.

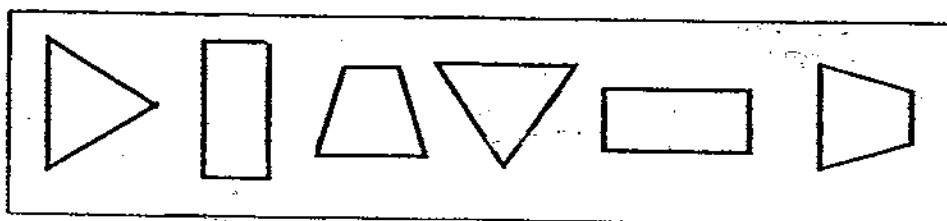| Cup | + | Cup | + | Cup | = | Jug |

| Jug | + | Jug | + | Cup | = | Pail |

If the volume of the cup is 50 ml, what is the volume of the pail?

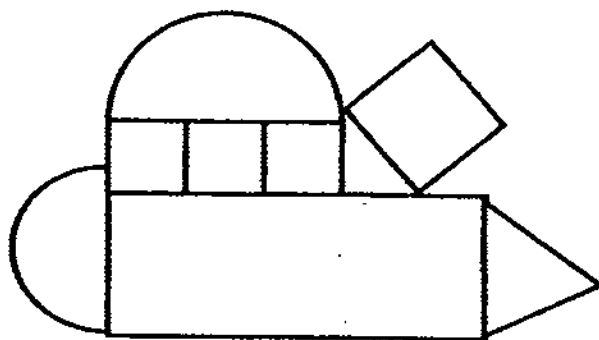Answer : _____ ml

36. Study the pattern of the shapes.

Circle the missing shape in the pattern above.

37. How many square(s) and semicircle(s) are there in the figure below?

Shape	Number
(a) Square	
(b) Semicircle	

38. Mdm Fatimah wanted to arrange 3 children, Ali, Brandon and Cheryl to stand side by side. In how many ways can she arrange them?

Answer : _____

39 Study the map of the zoo given below.

Salim
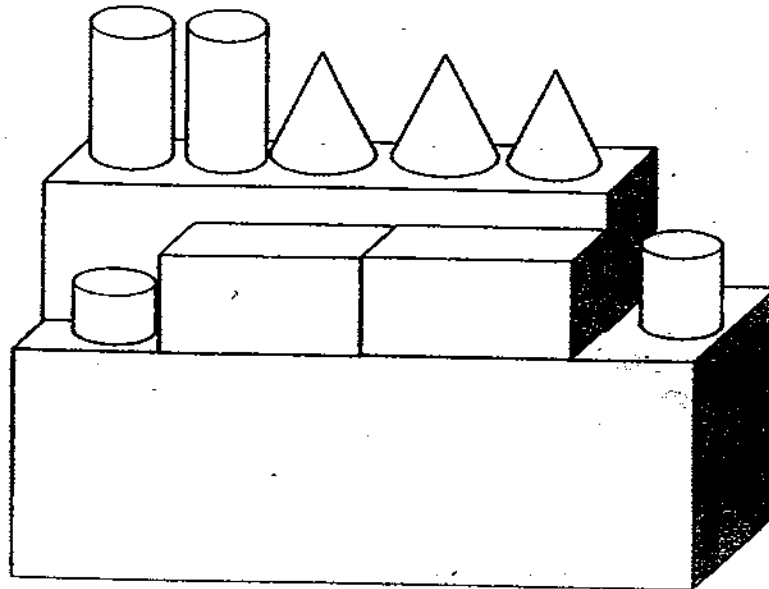
56 m

43 m

69 m

32 m

35 m
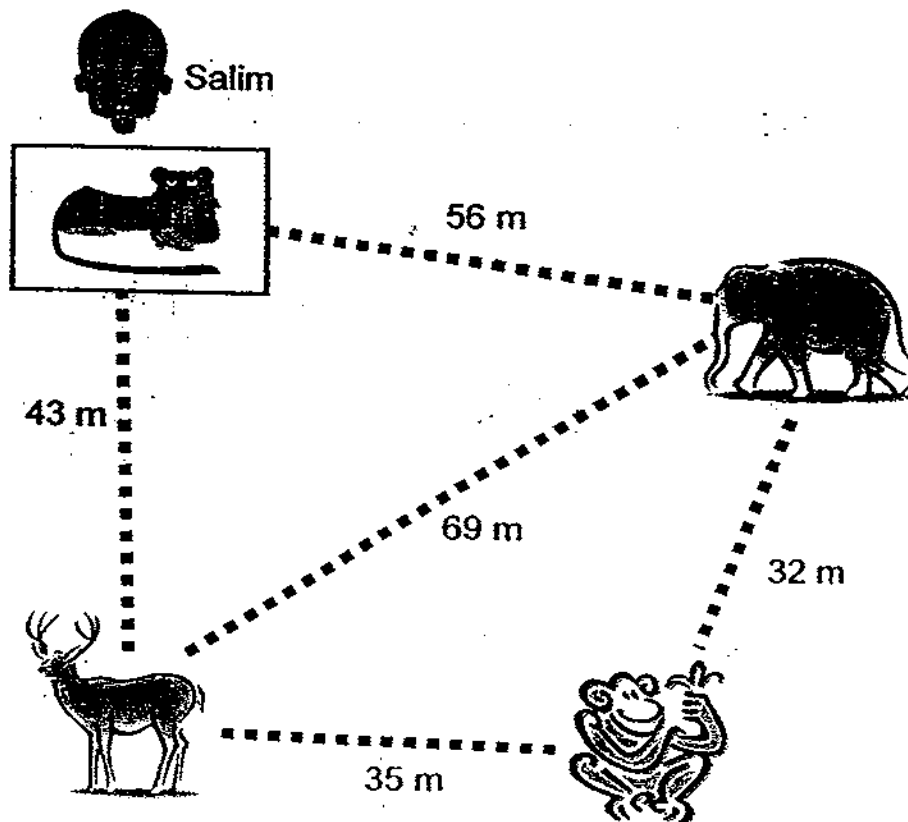
Pictures are not drawn to scale

Salim is at the tiger enclosure.
He wants to see the elephant and the deer.
Calculate the shortest distance he can take to see them.

Answer : _____ m

40. How many cone(s) and cylinder(s) are used to make the figure below?

Solid	Numbers of solid
(a) Cone	
(b) Cylinder	

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.   During a bowling competition,
      Mei Ling scored 268 points.
      Yi Liang scored 343 more points than Mei Ling.
      How many points did they score altogether?

They scored _____ points altogether.

22

42. Nathan saved $49 last week.
    He saved $3 more than Mina each day.
   How much did Mina save last week?

    Mina saved $ _____ last week.

43. The total mass of Gina, Harry, Raju and Dai Yu is 140 kg.
    Gina is 18 kg heavier than Harry.
    The total mass of Dai Yu and Raju is 80 kg.
    What is the mass of Harry?

    Harry's mass is _____ kg.

44. The graph below shows the number of pets Mr Chua's shop sold in a week.

Number of Pets Sold in a Week.

O		
O		
O	O	
O	O	
O	O	
Rabbits	**Bird**	**Fish**

Each O stands for 2 pets.
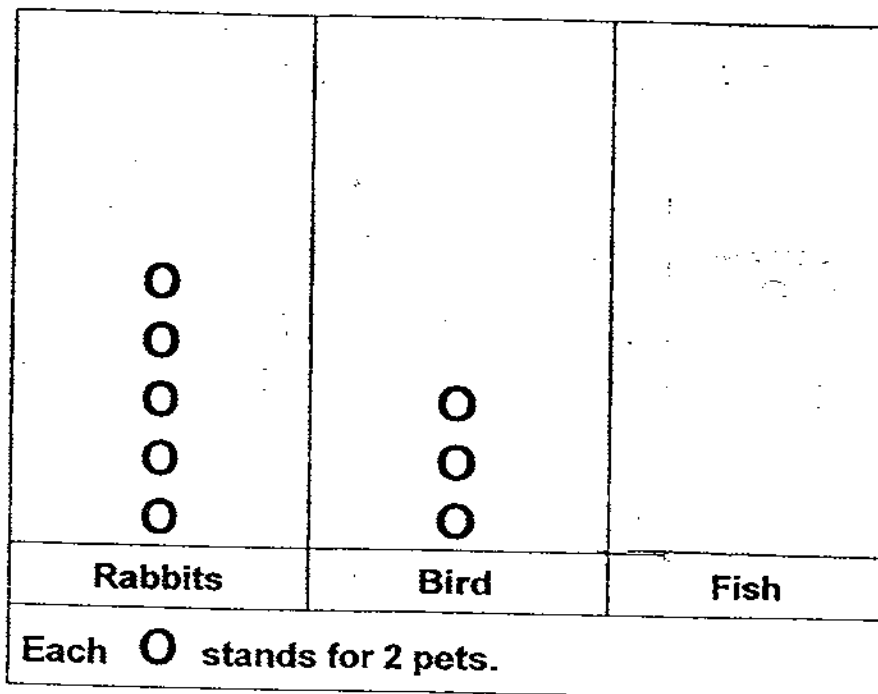
(a) If Mr Chua got $36 from selling all the pet birds, how much did each pet bird cost?

Each pet bird cost $ _____ .

(b) The cost of a fish was $2.
   If Mr Chua received the same amount of money from the sale of all the birds and the sale of all the fish.
   Complete the graph above to show the number of fish Mr Chua sold in a week.

45. Mei Mei has $140.
    She wants to buy a blouse and a handbag.
    But she does not have enough money and needs $87 more.
    How much does the handbag cost?

$? $28

The handbag costs $ _____.

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Please Check Carefully

Setters:

Mrs Jennifer Tan
Mr Amos Lum

SCHOOL : PEI CHUN PRIMARY
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

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

11)329   12)841, 481, 184, 148   13)1/6   14)1/8   15)CD

16)3 curved lines 5 straight lines   17)B   18)A   19)3.00   20)48   21)25

22)Ravesh   23)364   24)60   25)12.20p.m.   26)570m   27)8L   28)9coins

29)$33   30)7

35)425+125=550
She had 550g of flour at first.

36)a)706-384=322
There are 322 females.
   b)384-322=62
There are 62more males than females.

37)2/10+5/10=7/10
   10/10-7/10=3/10
3/10 of the pizza was left.

38)61-13=48
   61+48=109
Their total length is 109cm.

39)a)5x2=10
Sue needs 10L for a bedroom.
   b)3x10=30
She needs 30L for 3 bedrooms.

40)50x2=100
   100+5=105
   395+105=500
jian Hong gave the cashier $500.