



**NANYANG PRIMARY SCHOOL**

**SECOND SEMESTRAL EXAMINATION  
2009**

**PRIMARY 2  
MATHEMATICS**

**DURATION: 1 HOUR 30 MINUTES**

<b>Section A</b>	<b>/ 40</b>
<b>Section B</b>	<b>/ 40</b>
<b>Section C</b>	<b>/ 20</b>

<b>Total: / 100</b>
---------------------

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

( )

3. <sup>100</sup>  
(10 tens) more than 745 is \_\_\_\_\_

(1) 746

(2) 845

(3) 755

(4) 855

( )

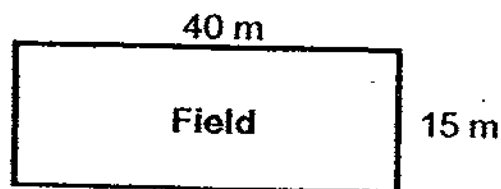
4. Mary had 598 stickers.  
She gave Siti 32 stickers.  
Now they have the same number of stickers.  
How many stickers did Siti have at first?

(1) 534  
(3) 566

(2) 630  
(4) 662

( )

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



(1) 55 m  
(3) 110 m

(2) 95 m  
(4) 220 m

( )

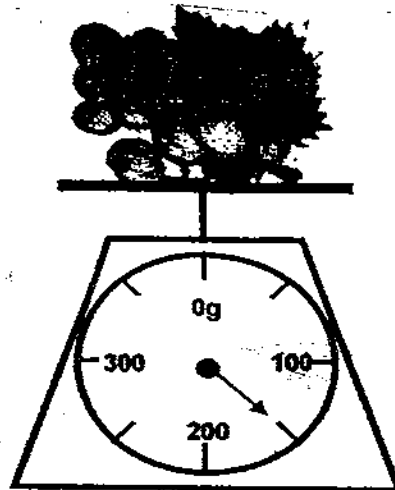
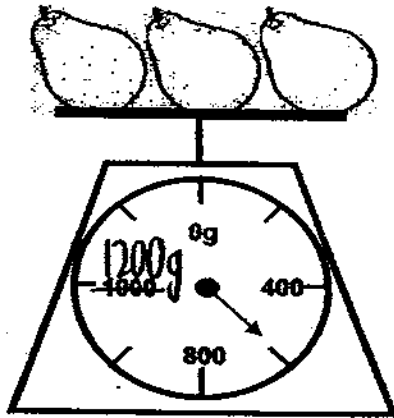
6. The length of a car is 260 cm.  
The length of a bicycle is 147 cm.  
How much longer is the car compared to the bicycle?

(1) 113 cm  
(3) 127 cm

(2) 123 cm  
(4) 407 cm

( )

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



- (1) 200 g  
(3) 350 g

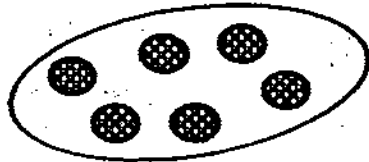
- (2) 650 g  
(4) 750 g ( )

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  
(3) 21 minutes
- (2) 18 minutes  
(4) 24 minutes ( )

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  
(3) 24

(2) 20  
(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  
(3) \$18

(2) \$10  
(4) \$60

( )

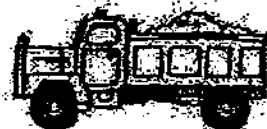
11. Ali bought a toy plane, a toy motorcycle and a toy lorry.  
He gave the cashier \$20.  
How much change did he get?



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

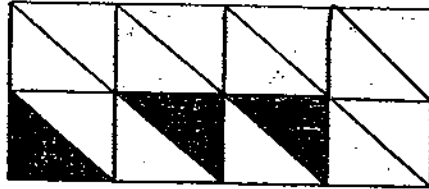
Child : \$ 12.50

- (1) \$35.00  
(3) \$92.50

- (2) \$82.50  
(4) \$105.00

( )

13. What fraction of the figure is shaded?

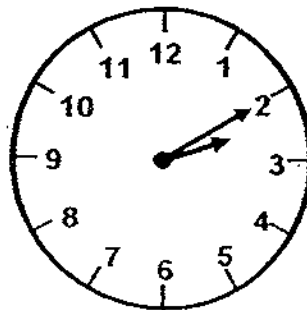


- (1)  $\frac{3}{13}$  (2)  $\frac{3}{16}$   
 (3)  $\frac{10}{13}$  (4)  $\frac{13}{16}$  ( )

14. A pizza was cut into 9 equal slices.  
 Sally ate  $\frac{2}{9}$  of the pizza.  
 Her brother and sister ate one slice each.  
 What fraction of the pizza was eaten?

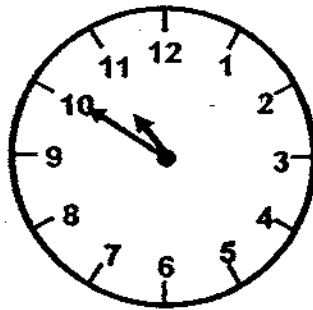
- (1)  $\frac{4}{9}$  (2)  $\frac{5}{9}$   
 (3)  $\frac{6}{9}$  (4)  $\frac{7}{9}$  ( )

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. ( )

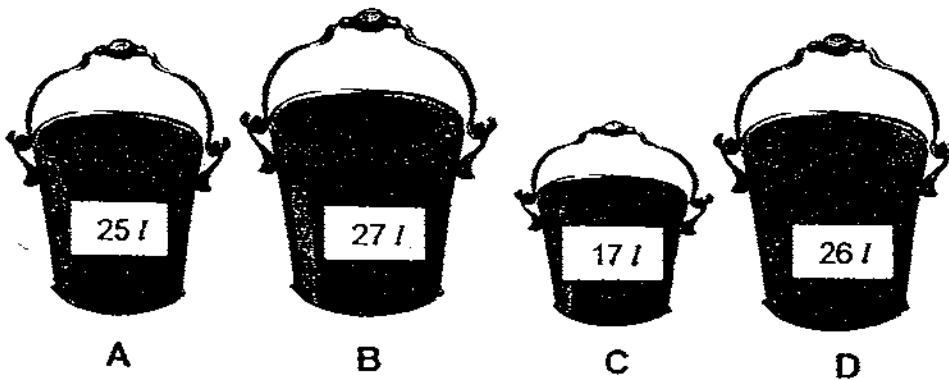
16. Look at the clock.



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. (           )

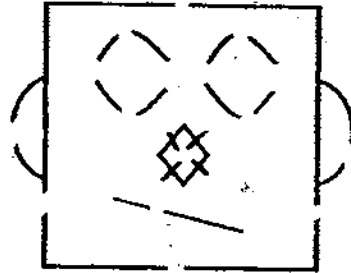
17. Jenny has 2 pails of water.  
They contained 43 litres of water altogether.  
Which 2 pails does she have?



- (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

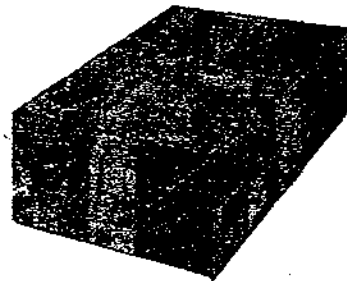
(2) 2  
(4) 4

( )

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  
(3) 3

- (2) 15  
(4) 24

( )

**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. 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.

$$\begin{array}{r} 92\Box \\ - 7\Box7 \\ \hline 133 \end{array}$$

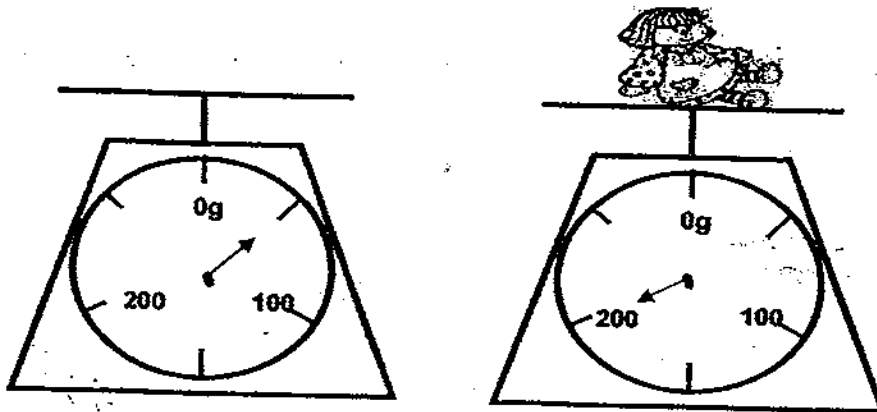
23. Aini lost her kitten.  
She made 1000 copies of poster to look for her kitten.  
She gave out 647 copies to the passers-by.  
How many copies of the poster had she left?

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?

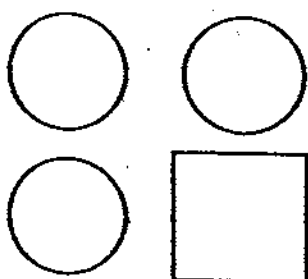
Answer : \_\_\_\_\_

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



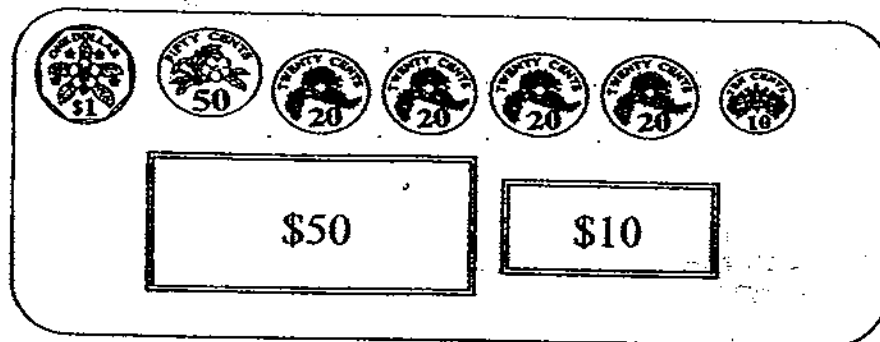
Answer : \_\_\_\_\_

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?



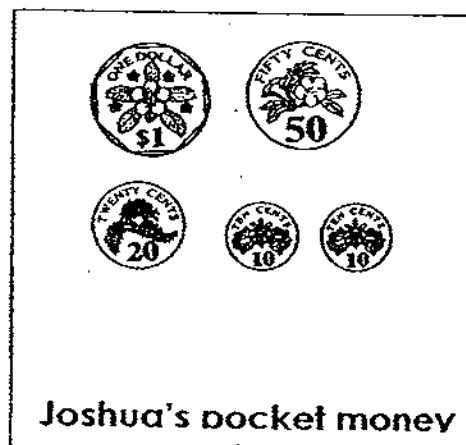
Answer : \_\_\_\_\_

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?



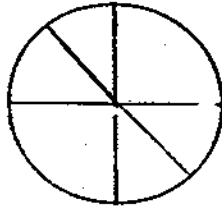
Answer : (i) \_\_\_\_\_

(ii) \$ \_\_\_\_\_

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.

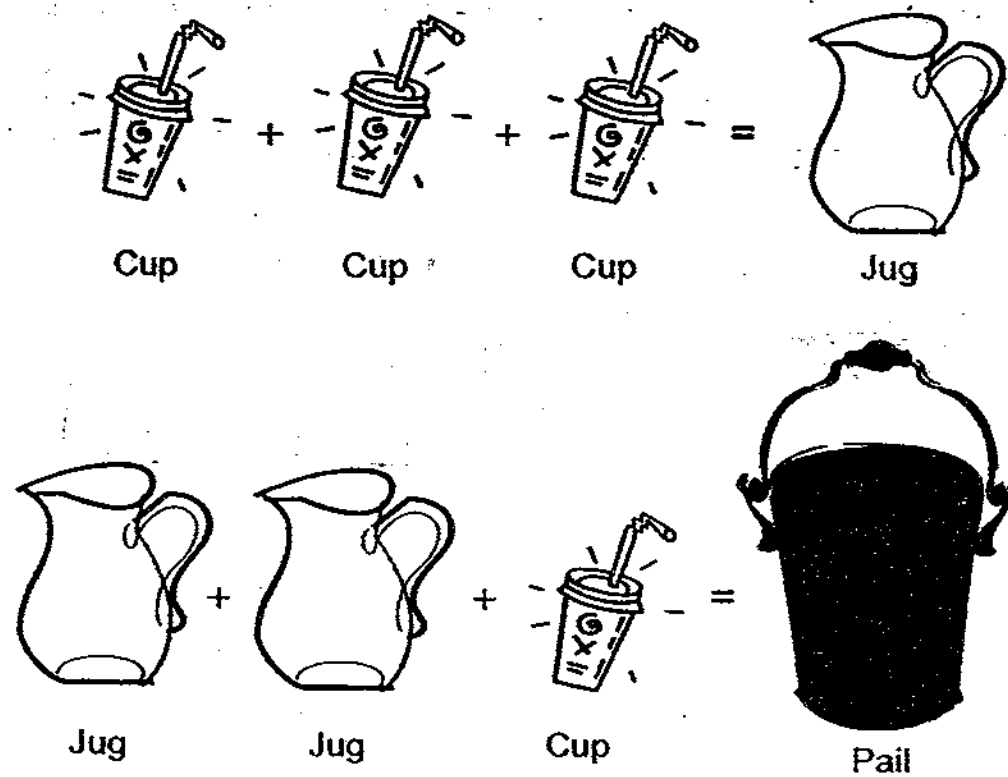
What time did the 'Monster Warriors' show end?

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.



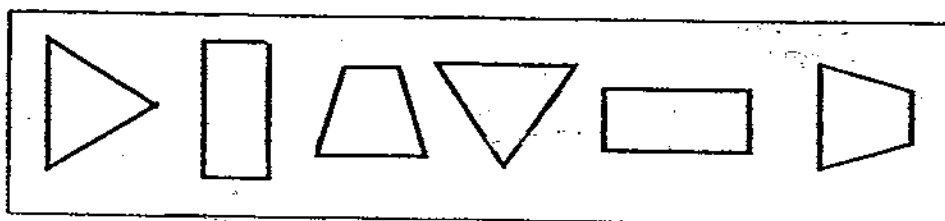
If the volume of the cup is 50 ml, what is the volume of the pail?

Answer : \_\_\_\_\_ ml

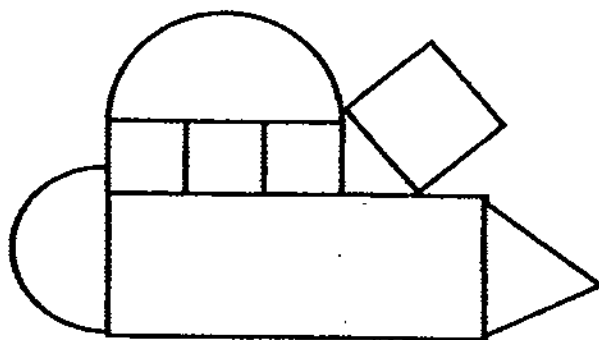
36. Study the pattern of the shapes.



Circle the missing shape in the pattern above.



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



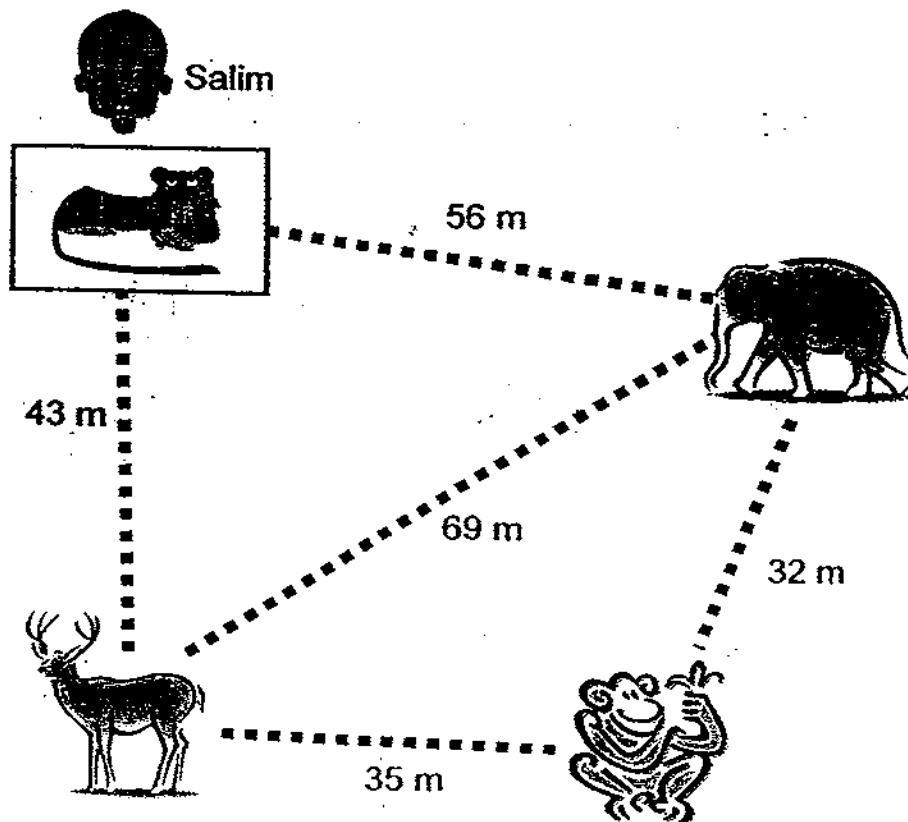
Shape	Number
(a) Square	
(b) Semicircle	

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.

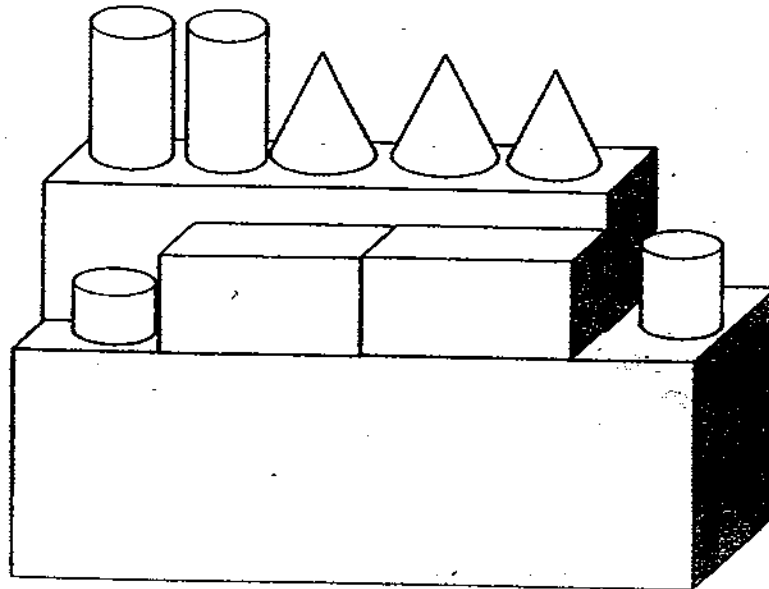


Pictures are not drawn to scale

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.

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.

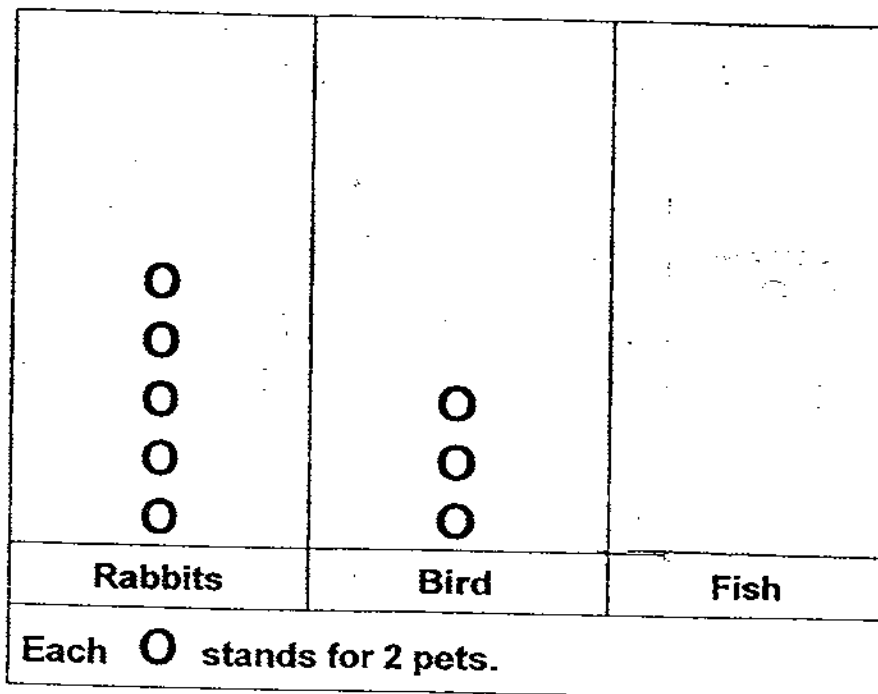
43. The total mass of Gina, Harry, Raju and Dai Yu is 140 kg.  
Gina is 18 kg heavier than Harry.  
The total mass of Dai Yu and Raju is 80 kg.  
What is the mass of Harry?

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.**



- (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.

~~Mr~~ 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 \$ \_\_\_\_\_.

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

**Setters:**

Mrs Jennifer Tan  
Mr Amos Lum

# Answer Ke

## EXAM PAPER 2009

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
2	3	2	1	3	1	3	3	1	2	1	4	2	1	3	4	4

Q18	Q19	Q20
3	1	1

21)245    22)920-787=133    23)353    24)202cm    25)150g    26)14

27)8    28)17    29)\$62.40    30)i)Kate ii)\$0.20    31)1/8

32)5/7, 3/7, 2/7, 1/7    33)1.30p.m.    34)79    35)350ml    36)

37)a)4 b)2    38)6    39)110    40)a)3 b)4

41)268+343=611

268+611=879

They scored 879 points altogether.

42)7x\$3=\$21

\$49-\$21=\$28

Mina saved \$28 last week.

43)140kg-80kg=60kg

60kg-18kg=42kg

42kg ÷ 2 = 21kg

Harry=21kg.

45)\$140+\$87=\$227

\$227-\$28=\$199

The handbag cost \$199

44)a)\$36 ÷ 6 = \$6

Each pet bird cost \$6

b)000000000