



NANYANG PRIMARY SCHOOL

*Second* SEMESTRAL EXAMINATION  
2010

**PRIMARY 3**  
**MATHEMATICS**

**DURATION: 1 HOUR 45 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>
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Name: \_\_\_\_\_ (       )

Class: Primary 3 (       )

Date: \_\_\_\_\_

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. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 40 marks)

1. In 7519, the digit \_\_\_\_\_ is in the hundreds place.

(1) 1  
(3) 7

(2) 5  
(4) 9

2. Find the sum of 1205 and 6293.

(1) 5088  
(3) 7498

(2) 5092  
(4) 7508

3. Tom bought 1562 stickers.  
He gave away some stickers to his friends and had 259 stickers left.  
How many stickers did he give away?

(1) 1032  
(3) 1317

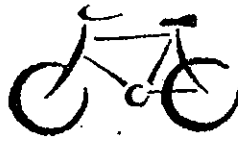
(2) 1303  
(4) 1821

4. What is the difference between 5073 and 2998?

(1) 2075  
(3) 3925

(2) 3171  
(4) 8071

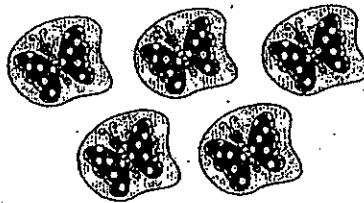
5. Each bicycle cost ~~\$246~~  
How much would 7 bicycles cost?



\$246

- |     |        |     |        |
|-----|--------|-----|--------|
| (1) | \$1422 | (2) | \$1682 |
| (3) | \$1722 | (4) | \$1728 |

6. Mr Ali had 8 nephews.  
He gave each nephew 10 stickers.  
If each set of 5 stickers cost \$1, how much did he pay for all the stickers?



\$1

- |     |      |     |     |
|-----|------|-----|-----|
| (1) | \$16 | (2) | \$2 |
| (3) | \$80 | (4) | \$5 |

7. When 6 children shared a bag of sweets equally, each of them had 32 sweets.  
If this bag of sweets was shared by 2 more children, how many sweets would each child get?

- |     |    |     |    |
|-----|----|-----|----|
| (1) | 96 | (2) | 24 |
| (3) | 16 | (4) | 4  |

8. Mrs Ramu paid \$20 to the cashier for her groceries and received 2 one-dollar notes, 2 fifty-cent coins and 2 twenty-cent coins from the cashier.  
How much did the groceries cost?

- (1) \$23.40                      (2) \$23  
(3) \$16.60                      (4) \$3.40

9. What is the missing amount in the box?

$$\$35.60 - \boxed{\phantom{00}} = \$8.52$$

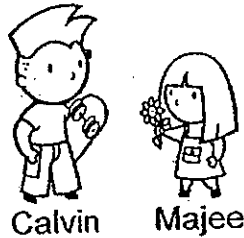
- (1) \$27.08                      (2) \$27.12  
(3) \$43.18                      (4) \$44.12

10. Gopal's family enjoyed running.  
The table below shows the distance each of his family members ran yesterday.  
Who ran the longest distance?

	Distance
Father	2999 m
Mother	3600 m
Sister	3 km 53 m
Gopal	471 m 53 cm

- (1) Father                      (2) Mother  
(3) Sister                      (4) Gopal

11. Majee is 78 cm tall.  
What is Calvin's height if he is 86 cm taller than her?



- (1) 164 m  
(2) 1 m 64 cm  
(3) 16 m 4 cm  
(4) 1 km 64 m
12. Express 1 l 7 ml in millilitres.
- (1) 17 ml  
(2) 107 ml  
(3) 1007 ml  
(4) 1700 ml
13. There is 750 ml of water in Bryan's water bottle.  
There is 340 ml more water in Kumar's water bottle than Bryan's.  
There is 230 ml less water in Kumar's water bottle than Samy's.  
How much water is there in Samy's water bottle?
- (1) 640 ml  
(2) 860 ml  
(3) 1090 ml  
(4) 1320 ml
14. A movie started at 5.10 p.m. and ended at 7.50 p.m.  
John arrived late and watched only half of the movie.  
What time did he start watching the movie?
- (1) 5.40 p.m.  
(2) 6.10 p.m.  
(3) 6.30 p.m.  
(4) 7.20 p.m.

15. Which one of the following fractions is not an equivalent fraction of  $\frac{4}{12}$ ?

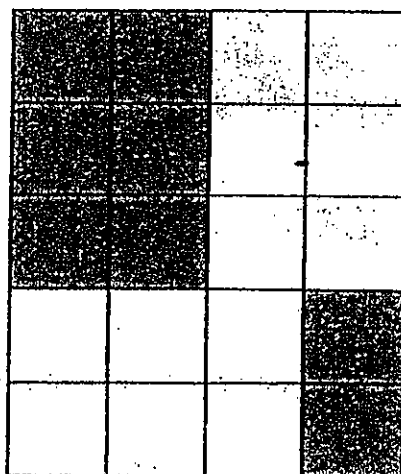
(1)  $\frac{1}{4}$

(2)  $\frac{2}{6}$

(3)  $\frac{3}{9}$

(4)  $\frac{1}{3}$

16. Study the figure below.



What is the fraction of the shaded parts in its simplest form?

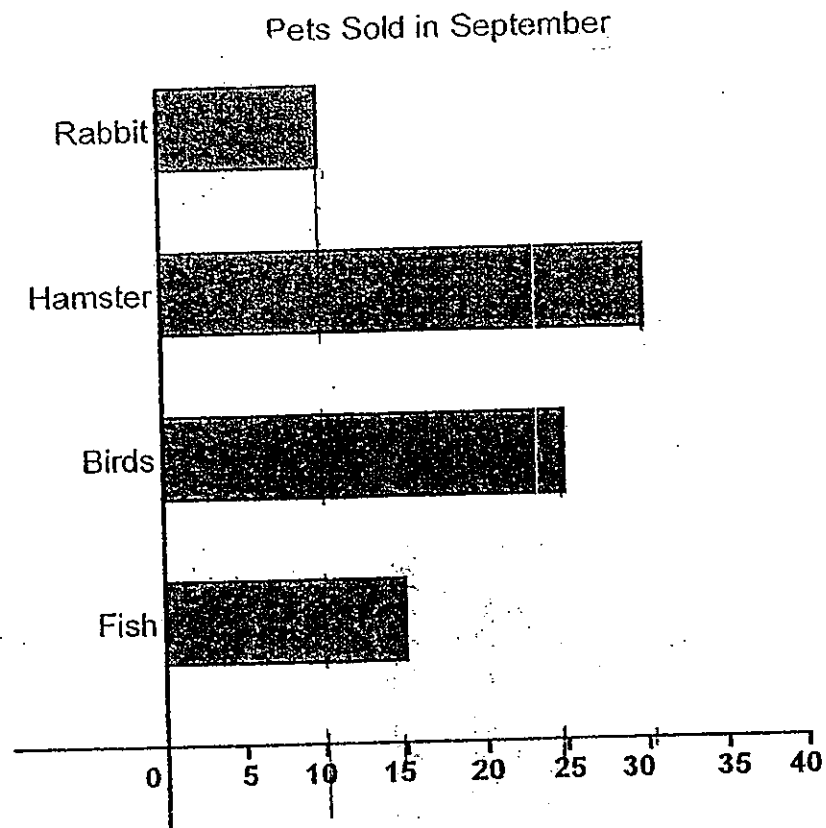
(1)  $\frac{2}{5}$

(2)  $\frac{3}{5}$

(3)  $\frac{4}{10}$

(4)  $\frac{8}{20}$

17. The bar graph below shows the number of pets sold in September at a pet shop.

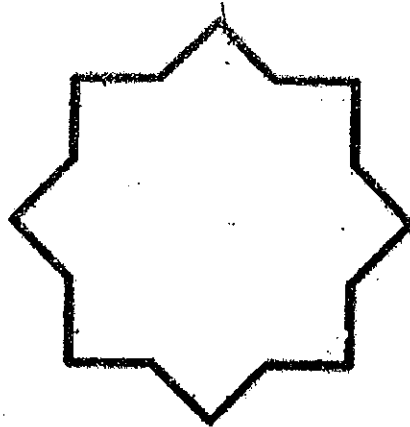


How many more hamsters than rabbits were sold at the pet shop in September?

- (1) 10  
(3) 20

- (2) 15  
(4) 40

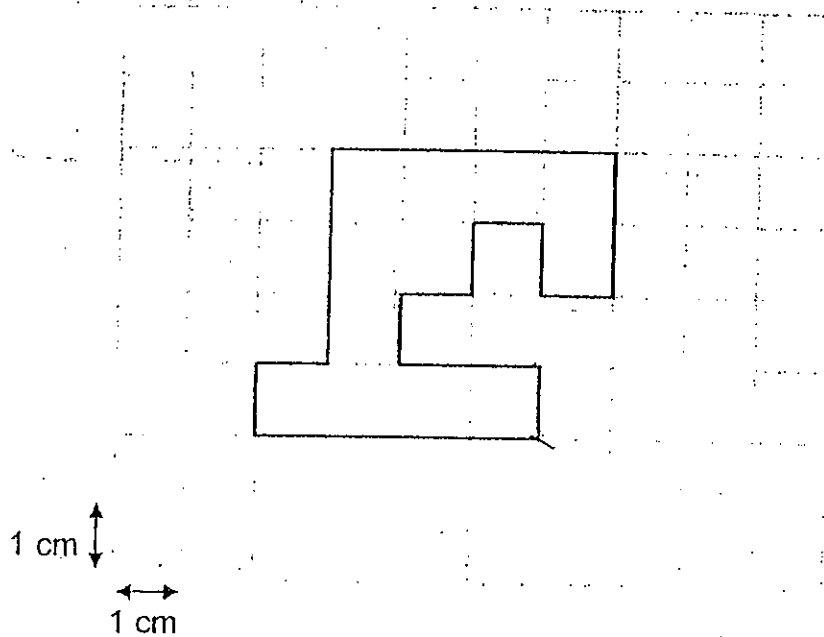
18. How many right angles are there in the figure?



- (1) 4  
(3) 8

- (2) 6  
(4) 10

19. What is the perimeter of the figure below?

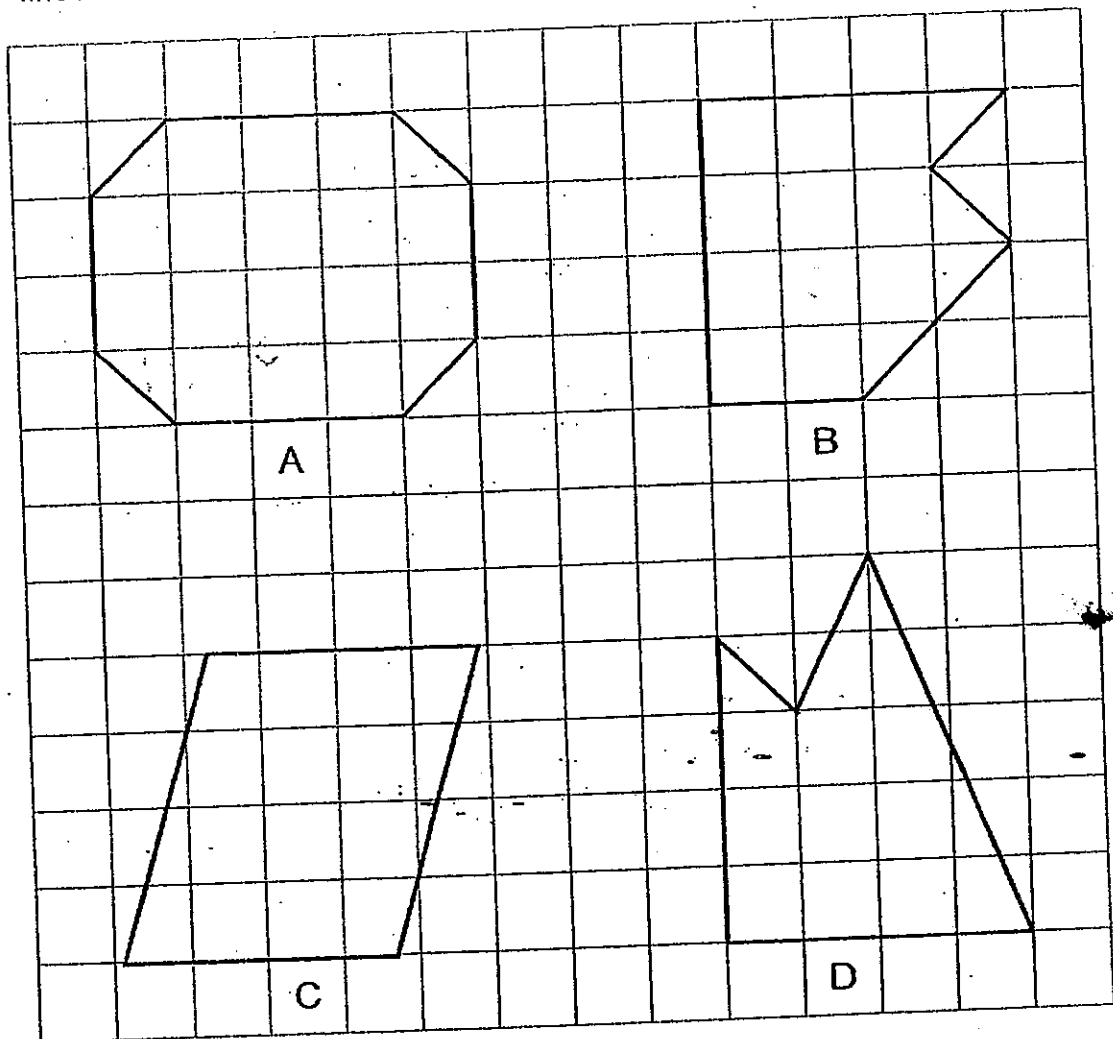


- (1) 10 cm  
(3) 17 cm

- (2) 12 cm  
(4) 24 cm



20. Which one of the following figures has both perpendicular and parallel lines in the same figure?



- (1) A  
(3) C

- (2) B  
(4) D

**Section B**

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

21. (a) Write the following in figures.

2 thousands, 12 hundreds and 42 tens

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

- (b) Write the figure in words.

7943 : \_\_\_\_\_  
\_\_\_\_\_

22. Arrange the numbers in **descending** order.

5763	6573	6537
------	------	------

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

23. In Hong De Primary School, there are 63 more boys than girls. If there are 1874 girls, how many pupils are there in the school altogether?

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

24. The total mass of a toy car, a toy train and a toy ship was 4060 g.  
The toy car was 650 g lighter than the toy train and the toy train was  
300 g lighter than the toy ship.  
What was the mass of the toy car?

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

25. A baker bakes 256 cupcakes a day.  
How many cupcakes does the baker bake from Tuesday to Sunday?



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

26. Mr Tan had 563 pencils.  
He packed them equally into 9 boxes.  
How many pencils were not packed into the boxes?



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

27. Use the digits below to form the smallest 4-digit odd number.  
You can use each digit once only.

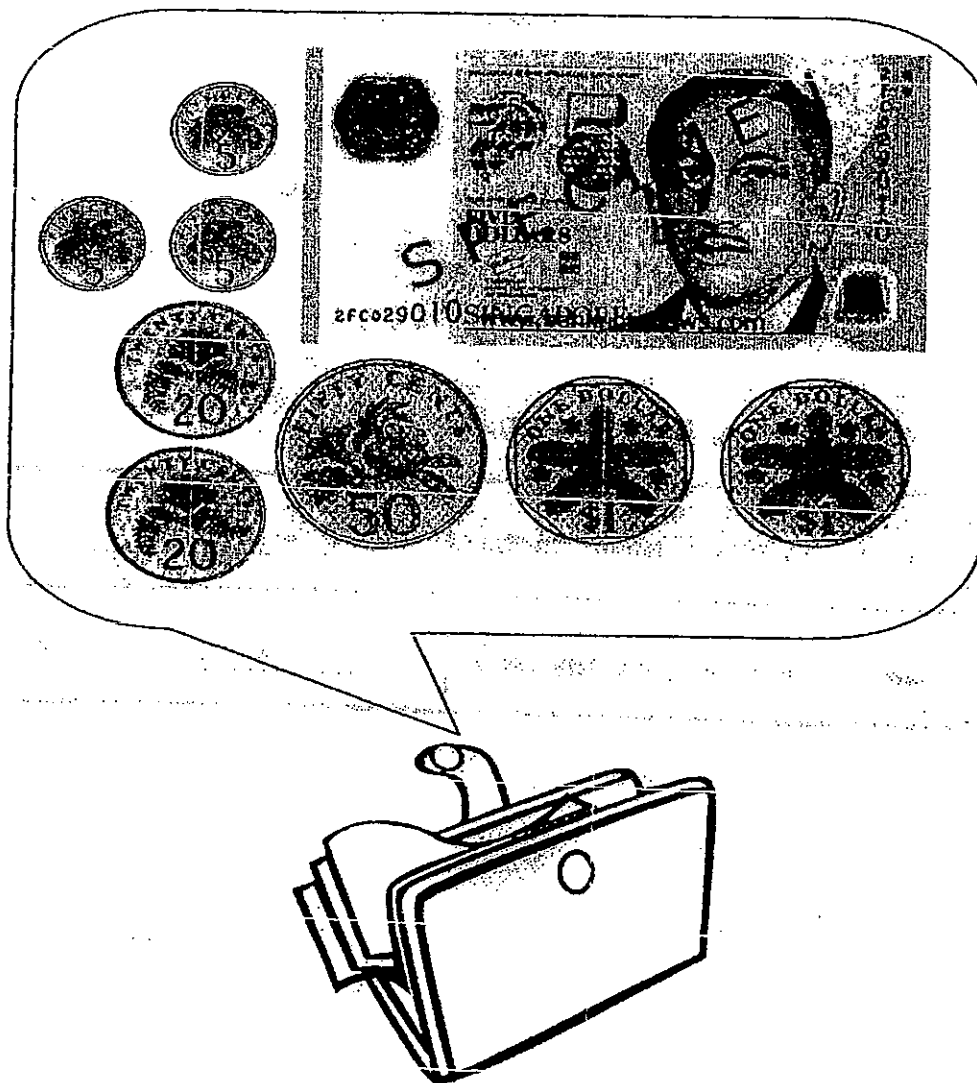
0	4	6	3	8
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Answer : \_\_\_\_\_

28. Write the following amounts in figures.

Six thousand and eleven cents	\$ _____
Twenty-one dollars and fifty cents	_____ ¢

29. Liming's mother gave her \$10 for her school outing. The picture below shows the amount of money left in her wallet after the outing. How much did Liming spend?



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

30. How much longer is 1 km 21 m than 680 m ?

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

31. Sharon had  $3\text{ l}$  of orange juice.  
She filled each of the 4 identical cups with 300 ml of orange juice.  
How much orange juice had she left?  
Express your answer in litres and millilitres.

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

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

$\frac{3}{4}$	$\frac{3}{5}$	$\frac{3}{9}$	$\frac{1}{2}$
---------------	---------------	---------------	---------------

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

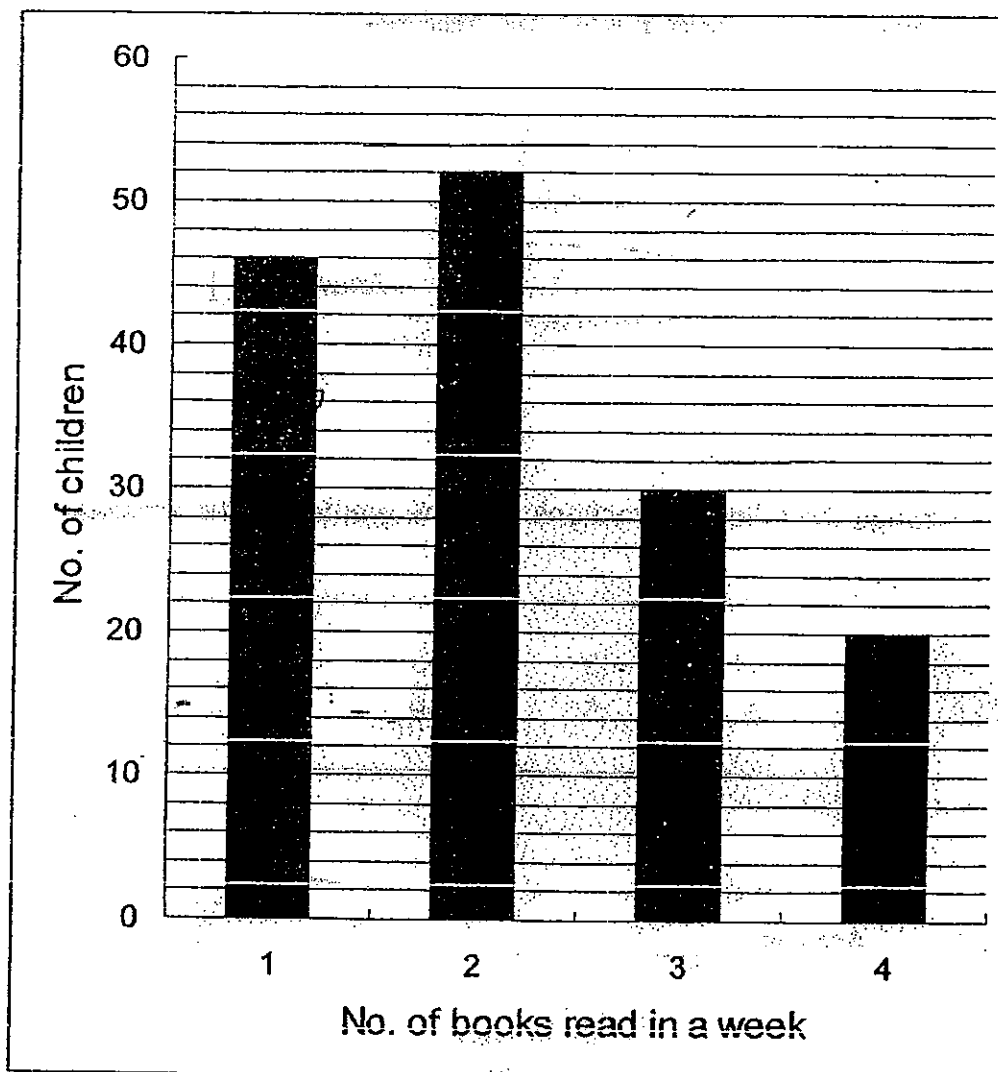
33. Peter and Jane cut a whole cake into equal slices.

Peter ate  $\frac{1}{4}$  of the cake and Jane had  $\frac{3}{8}$  of the cake.

What fraction of the cake was left?

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

34. The graph below shows the number of books read by a group of children in a week.



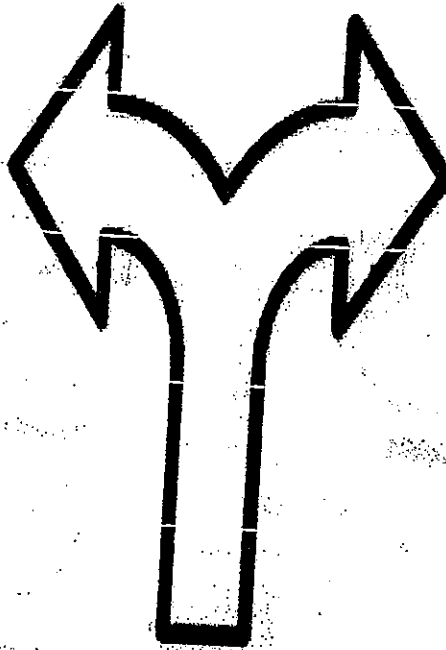
- (a) How many children read more than 2 books?

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

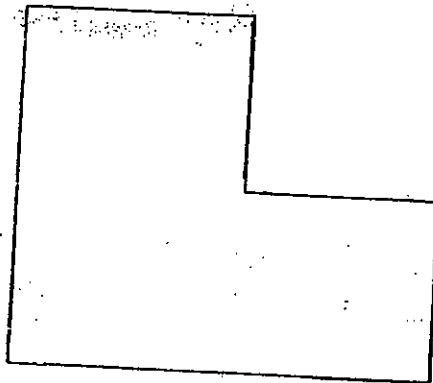
- (b) How many books were read by all these children?

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

35. Study the figure below.  
Mark all the angles that are smaller than a right angle in the figure.



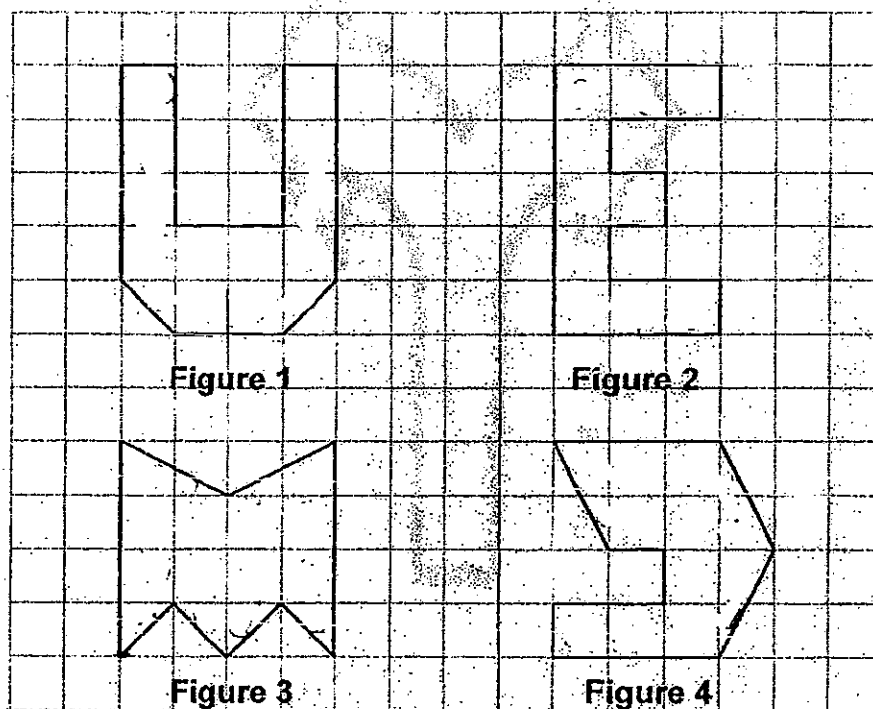
36. How many angles are there in the figure below?



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

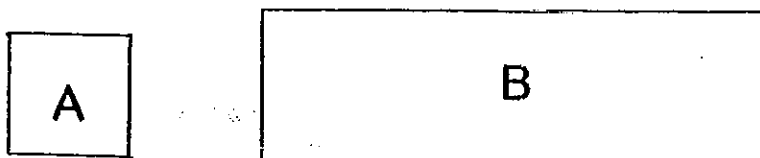


37. Which one of the following figures has the smallest area?



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

38. The perimeter of Square A is equal to the length of Rectangle B.  
If the area of the square is  $25 \text{ cm}^2$ , find the length of the rectangle.



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

39. The length of 3 straws and 2 ribbons is 63 cm.  
Each ribbon is 4 cm longer than the straw.  
What is the length of each ribbon?

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

40. Mrs Lee gave 3 stickers for every 8 marks scored in a spelling test.  
Jenny scored 42 marks.  
How many stickers would she get?

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

**Section C**

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

(Total: 20 marks)

41. During Lichee's birthday, her mother grilled 89 sticks of chicken satay and 129 sticks of mutton satay.  
After each person took 4 sticks of satay, there was a remainder of 2 sticks of satay.  
How many people attended Lichee's birthday?
42. Aisha, Ken and Mark had \$440 altogether.  
Aisha had \$80 more than Ken.  
Ken had twice as much money as Mark.  
How much more money did Aisha have than Mark?

43. Mr Tan took a 4 h 25 min flight to travel from Singapore to China. When he reached China, he took a taxi to go to the hotel. The travelling time in the taxi was 35 minutes shorter than the travelling time in the aeroplane.

(a) How long did he travel on the taxi?

(b) How much time did he spend on the aeroplane and the taxi altogether?

44. A school funfair booth sells 3 types of balloons, red, blue and yellow. There are 357 more red balloons than blue balloons and 408 more blue balloons than yellow balloons.

(a) If there are 1158 yellow balloons, how many red balloons are there?

45. Alan, Bala, Cobly, Delong and Elma were standing in a straight line.

Alan was 7 m in front of Elma.

Cobly was 6 m behind Bala.

Bala was 3 m in front of Alan.

DeLong was 8 m in front of Cobly.

(a) How far away was Bala from DeLong?

(b) Who was the first in the line and who was last in the line?

☺ End of Paper ☺  
Please Check Carefully

Setters: Mdm Tan Yin Mei  
Mr Amos Lum

# Ans

## EXAM PAPER 2010

SCHOOL : NANYANG PRIMARY  
SUBJECT : PRIMARY 3 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	2	3	1	2	2	3	4	3	1	1	3

Q18	Q19	Q20
3	4	2

21)a)3620      b)Seven thousand, nine hundred and forty-three.

22)6573, 6537, 5763

23)3811

24)820

25)1536

26)5 pencil

27)4063

28)\$60.10 / 2150c

29)\$1.95

30)341m

31)1 L 800 ml

32) $\frac{3}{4}$ ,  $\frac{3}{5}$ ,  $\frac{1}{2}$ ,  $\frac{3}{9}$

33) $\frac{3}{8}$

34)a)50

b)320

35)

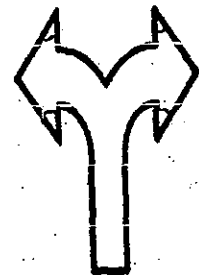
36)6

37)2

38)20cm

39)15cm

40)15



41)129 + 89 = 218

218 ÷ 4 = 54 R2

54 people attended Lichee's birthday.

42)\$440 - \$80 = \$360

\$360 ÷ 5 = \$72

\$72 × 2 = \$144

\$144 + \$80 = \$224

\$224 - \$72 = \$152

Aisha had \$152 more than Mark.

43)a)4h 25min - 35min = 3h 50min

He traveled 3h 50min on the taxi.

b)4h 25min = 3h 50min = 8h 15min

He spend 8h 15min altogether.

44)a)1158 + 408 = 1566

1566 + 357 = 1923

There are 1923 red balloons.

b)1923 - 1158 = 765

There we 765 fewer yellow than red.

45)a)Cobly + 8 m = Delong

Cobly + 6m = Bala

8m - 6m = 2m

Delong was 2m far away from Bala

b)Delong is first in the line while  
Elma is the last in the line.

