



NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION
2008

PRIMARY 3
MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

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

Total:	/ 100
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Name: _____ ()

Class: Primary 3 ()

Date: 30 October 2008

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 8016, the digit _____ is in the hundreds place.

- (1) 1
(3) 6

- (2) 0
(4) 8

2. 5160 is 430 less than _____ tens.

- (1) 473
(3) 4730

- (2) 559
(4) 5590

3. What is the difference between 2059 and 8909?

- (1) 5850
(3) 6950

- (2) 6850
(4) 6959

4. Study the number pattern shown in the box below.

5881	7013	6231
538	?	5007
5343	278	1224

What is the missing number in the box?

- (1) 6735
(3) 7265

- (2) 6835
(4) 7291

5. What is the product of 582 and 6?

(1) 97
 (3) 3094

(2) 3082
 (4) 3492

6. Mrs Lee bakes 36 trays of 10 cakes on each day.
How many cakes will she bake in 8 days?

(1) 45
 (3) 368

(2) 360
 (4) 2880

7. What is the missing number in the box below?

$$384 \div 8 = 8 \times \boxed{?}$$

(1) 6
 (3) 48

(2) 8
 (4) 384

8. Tammy bought a pair of pants for \$25 and two shirts for \$18 each.
She gave the cashier two fifty-dollar notes.
How much change did she receive from the cashier?

(1) \$39
 (3) \$57

(2) \$43
 (4) \$61

9. What is the sum of \$12.60 and \$18.45?

- (1) \$5.85
- (3) \$30.05

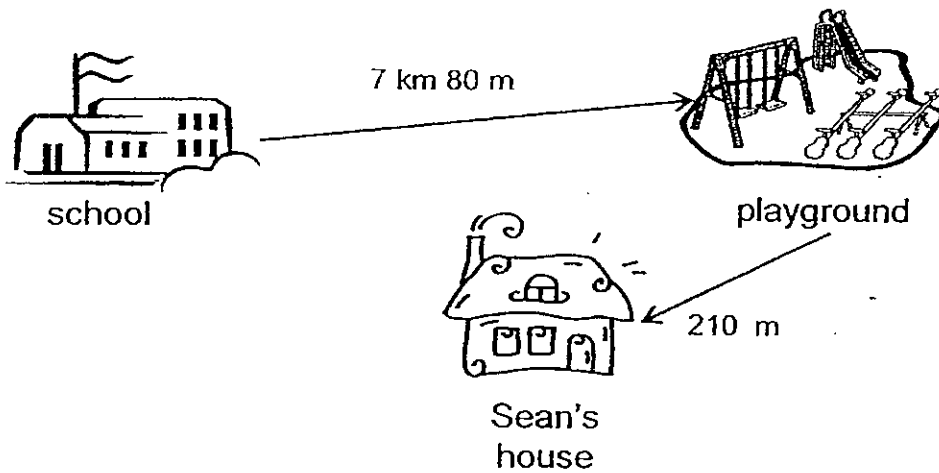
- (2) \$20.05
- (4) \$31.05

10. My father's height is about _____

- (1) 17 cm
- (3) 170 cm

- (2) 17 m
- (4) 170 m

11. Sean travels 7 km 80 m from his school to the playground. He has to travel another 210 m from the playground to his house. What is the total distance from his school to his house?



- (1) 6 km 870 m
- (3) 7 km 290 m

- (2) 7 km 270 m
- (4) 9 km 90 m

12. 35 g more than 4 kg is _____ g.

(1) 39
(3) 4035

(2) 3965
(4) 4350

13. Suling pours 5 bottles of water into an empty 5-litre jug.
Each bottle contains 450 ml of water.
How much more water must be added to the jug to fill it to its brim?

(1) 2 l 250 ml
(3) 2 l 750 ml

(2) 3 l 250 ml
(4) 7 l 750 ml

14. The time shown on Joel's watch is 11.45 p.m.
His watch is 37 minutes slower than the actual time.
What is the actual time?

(1) 11.08 a.m.
(3) 11.08 p.m.

(2) 12.22 a.m.
(4) 12.22 p.m.

15. Which one of the following fractions is an equivalent fraction of $\frac{2}{3}$?

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

(2) $\frac{4}{6}$

(3) $\frac{4}{12}$

(4) $\frac{6}{12}$

16. Express $\frac{3}{12}$ in its simplest form.

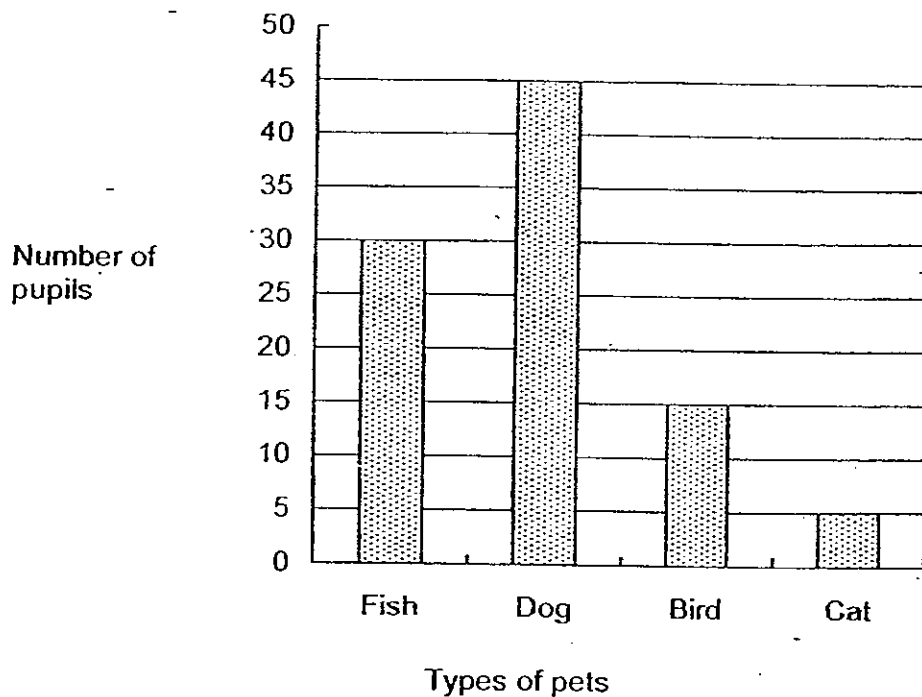
(1) $\frac{1}{6}$

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

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

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

17. The graph below shows 4 different types of pets that a group of pupils like to keep.

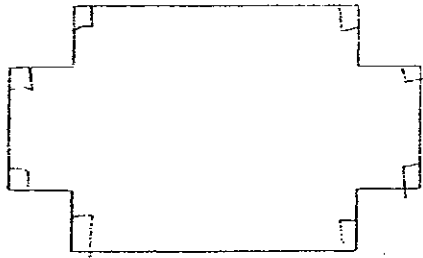


How many more pupils like to keep dogs than cats?

(1) 5
(3) 40

(2) 15
(4) 50

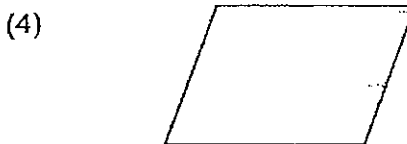
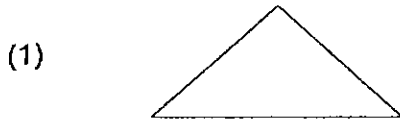
- 18 Study the figure shown below.
How many right angles are there inside the figure?



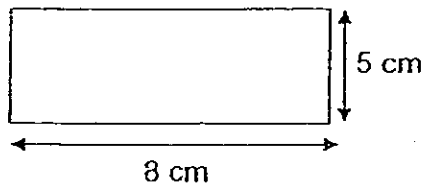
(1) 8
(3) 16

(2) 12
(4) 24

19. Which one of the following figures has two pairs of parallel lines only?



20. What is the perimeter of the rectangle shown below?



(1) 13 cm
(3) 26 cm

(2) 16 cm
(4) 40 cm

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. 76 hundreds 0 tens 3 ones = _____

22. Arrange the following numbers from the largest to the smallest.

2116

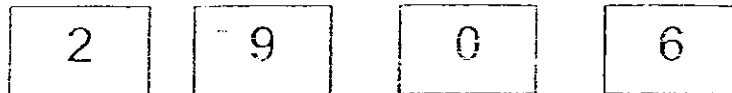
2611

1612

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

$$\begin{array}{r} 4 \quad 6 \quad 3 \quad \square \\ + 3 \quad 7 \quad 0 \quad 9 \\ \hline \square \quad 3 \quad 4 \quad 5 \\ \hline \end{array}$$

24. What is the smallest 4-digit even number that can be formed using all the digits given below?



Answer : _____

- 25a. Write in cents.

\$45 = _____

- b. Write in dollars and cents.

6060¢ = _____

26. Mani has \$144.85.
She has \$98.15 less than her brother.
How much money does her brother have?

Answer : \$ _____

27. Don wants to pack 935 doughnuts into some boxes.
Each box can only hold 9 doughnuts.
What is the minimum number of boxes he will need to pack all the doughnuts?

Answer : _____

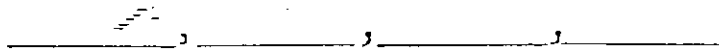
28. When a number is divided by 7, its quotient is 285 and its remainder is 3.
What is the number?

Answer : _____

29. There were 600 passengers on a train at first.
At the train station, some passengers alighted from the train and 270 passengers boarded the train.
After that, there were 430 passengers left on the train.
How many passengers alighted from the train?

Answer : _____

30. Arrange the following fractions in ascending order.

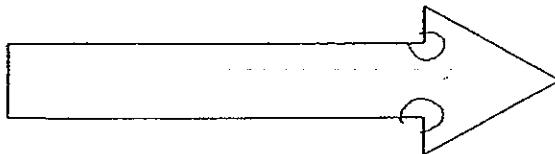


31. Siti and her two friends bought a watermelon:
Siti ate $\frac{1}{10}$ of the watermelon and each of her friends ate $\frac{1}{5}$ of the watermelon.

What fraction of the watermelon was left? (Give your answer in its simplest form.)

Answer : _____

32. In the figure shown below, how many angles inside the figure are bigger than a right angle?



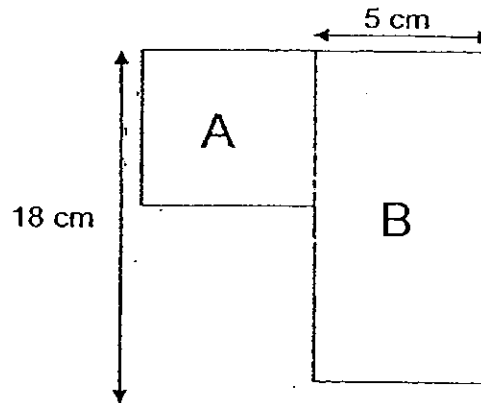
Answer : _____

33. Which one of the letters below has perpendicular lines?

E X A M S

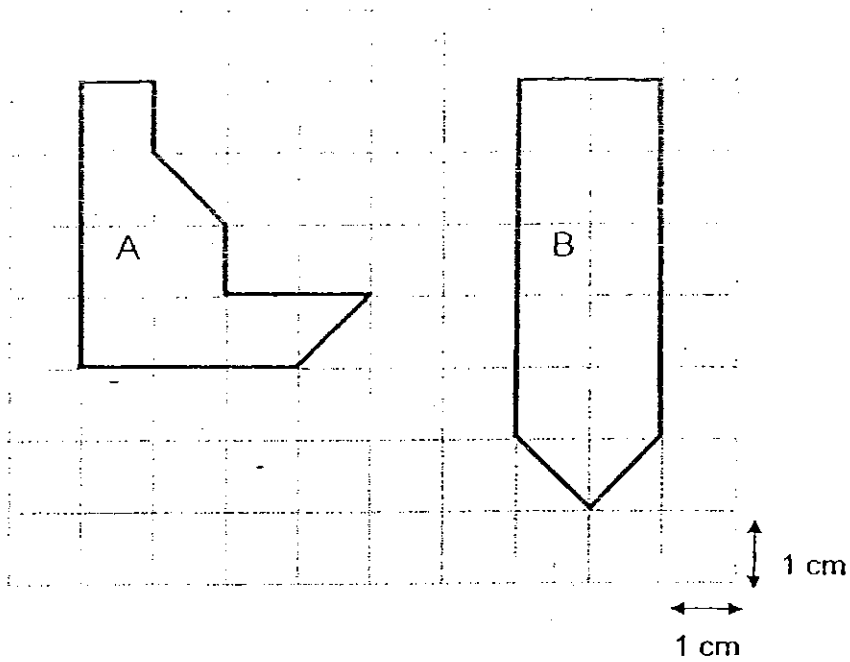
Answer : _____

34. The figure below is made up of Square A and Rectangle B.
The breadth of B is the same as the length of A.
What is the perimeter of the figure?



Answer : _____ cm

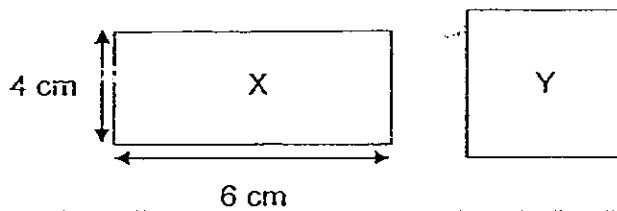
35. Study Figures A and B carefully.



What is the difference between the areas of Figures A and B?

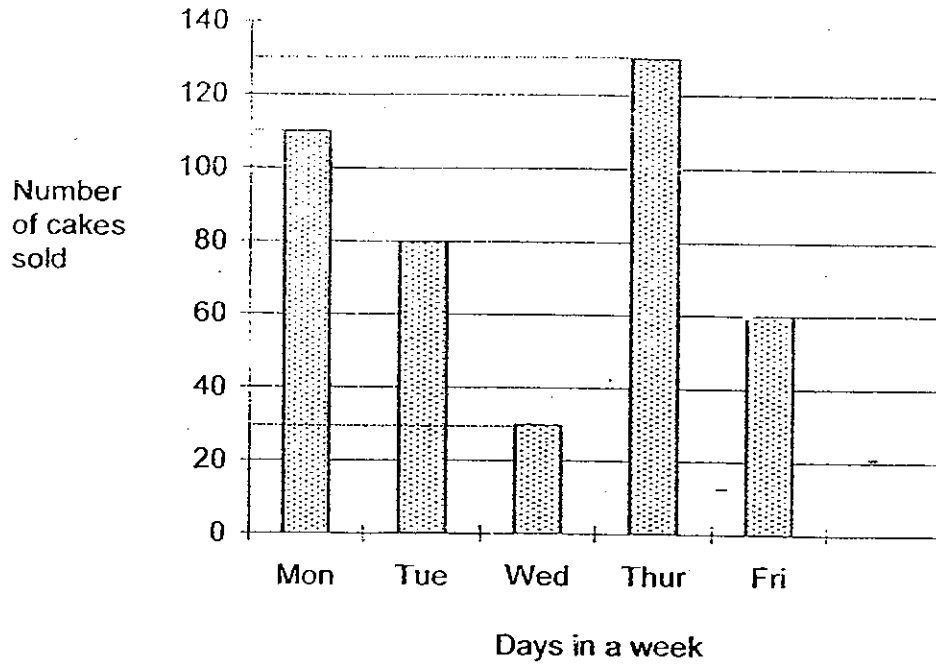
Answer : _____ cm²

36. The perimeter of Rectangle X is equal to that of Square Y.
What is the area of Square Y?



Answer : _____ cm²

37. The graph below shows the number of cakes sold by Mr Tan from Monday to Friday.




If the cakes were sold at \$3 each, how much did Mr Tan collect on the two days with the greatest sales?

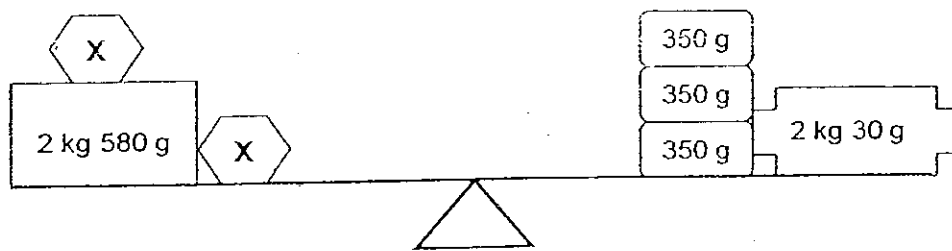
Answer : \$ _____

38. 25 pupils from a class bought yogurt from a drinks stall which sells only strawberry and blueberry yogurt. 16 of them bought strawberry yogurt while 15 of them bought blueberry yogurt. None of the pupils bought two strawberry and blueberry yogurt. How many pupils bought both strawberry and blueberry yogurt?

Answer : _____

39. The diagram below shows a pan balance.

What is the mass of the object  ?



Answer : _____ g

40. Azman, Boling, Cathy and Dinesh have a total of \$500 altogether.
Azman and Boling have a total of \$240.
If Boling has the same amount of money as Cathy, how much more
money does Dinesh have than Azman?

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. Salim collected 3019 pebbles.
He collected 433 pebbles less than Fiona.
How many pebbles did they collect in all?

42. Zalinda had 500 pins.
There were thrice as many brown pins as red pins.
If she lost 68 brown pins, how many brown pins had she left?

44. Rope A is 10 m long.
It is cut into two pieces.
The first piece is shorter than the second piece by 60 cm.
What is the length of the second piece?

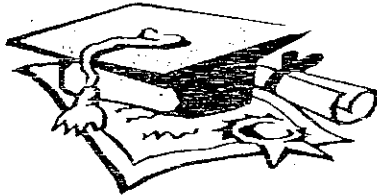
45. The table below shows a television programme guide.

Time	Programme
8.00 a.m.	Power Rangers
9.00 a.m.	S-League
11.05 a.m.	News
11.30 a.m.	Singapore Idol
12.50 p.m.	Crime Watch

How much longer is the duration of the S-League than the Singapore Idol? (Assume that the next programme starts right after the previous programme ends.)

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

Setters: Mrs Rebecca Goh
Mrs Joanne Ng



ANSWER SHEET

EXAM PAPER 2008

SCHOOL : NANYANG PRIMARY SCHOOL
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 2

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

Q18	Q19	Q20
1	4	3

21) 7603 22) 2611, 2116, 1612 23) 6, 8 24) 2096

25) a) 4500 cent b) \$60 60 cent 26) \$243 27) 104

28) 1998 29) 440 30) $\frac{1}{5}$, $\frac{1}{3}$, $\frac{7}{12}$, $\frac{5}{6}$

31) $\frac{1}{2}$ 32) 2 33) E 34) 56 35) 3

36) 36 37) 720 38) 6 39) 250g 40) \$20

41) 6471 42) 307 43) 3L 150ml 44) 530cm

45) 45min