ANGLO-CHINESE SCHOOL (JUNIOR)
SEMESTRAL ASSESSMENT 2 (2005)
MATHEMATICS
PRIMARY 3

Name : _____ (   )   Marks: _____ /100

Class : Primary 3. (   )

Date : 25 October 2005

Parent's signature:

_____

BOOKLET A

20 Questions
40 Marks

TOTAL TIME FOR BOOKLETS A & B: 1 HOUR 55 MINUTES

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

READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY

ANSWER ALL THE QUESTIONS

19

Section A (20 x 2 marks each)

For each of the following questions, four options are given. Choose the correct answer (1, 2, 3 or 4) and shade the correct oval (1, 2, 3 or 4) in the Optical Answer Sheet (OAS).

1. In 9 315, which digit is in the thousands place?

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

2. 6 008 = 4 279 + ⬚

    What is the missing number in the box?
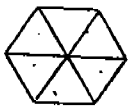
    (1) 1 729
    (2) 1 839
    (3) 2 271
    (4) 2 377

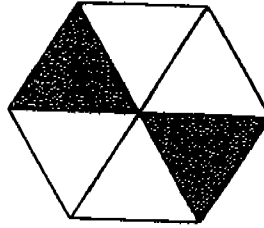3. Shawn bought 953 coupons for the school carnival. He had 167 more coupons than Tom. How many coupons did Tom have?

    (1)   786
    (2) 1 120
    (3) 1 739
    (4) 2 073

4. Aaron uses 5 orchids and 8 lilies to make a bouquet. If he uses 48 lilies, how many orchids does he need?

    (1) 30
    (2) 35
    (3) 42
    (4) 49

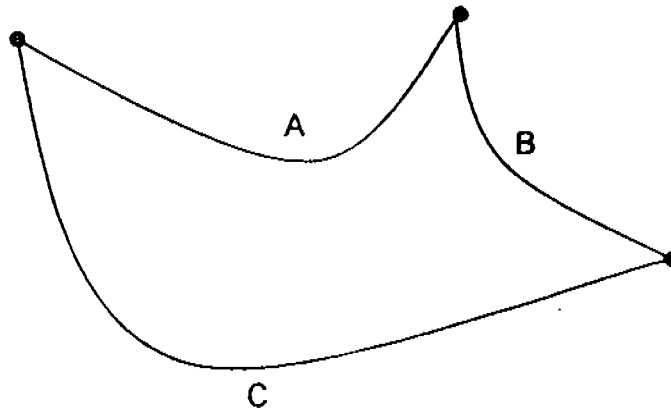5. If stands for 138, what does the shaded parts in the figure below stand for?

(1) 23
(2) 46
(3) 69
(4) 92

6. John is 4 times as old as his sister now. In 6 years' time, John will be 30 years old. How old will his sister be then?

(1) 6 years old
(2) 9 years old
(3) 12 years old
(4) 15 years old

7. Mrs Chen baked a certain number of tarts. She packed 137 tarts into 7 containers and there were 3 tarts left over. How many tarts did she bake?

(1) 959
(2) 962
(3) 976
(4) 985

8. An apple costs 50 cents. Bryan has $4.30
What is the greatest number of apples that Bryan can buy?

(1) 7
(2) 8
(3) 9
(4) 10

9. Justin wants to buy 3 basketballs that cost $14 each. However, he has only $21. How much more money does he need?

   (1) $7
   (2) $8
   (3) $21
   (4) $35

10. Jim uses 3 pieces of rope to form the diagram below. Rope A is 3 m 75 cm long, Rope B is 166 cm long and Rope C is 5 m long. What is the total length of the rope used by Jim?
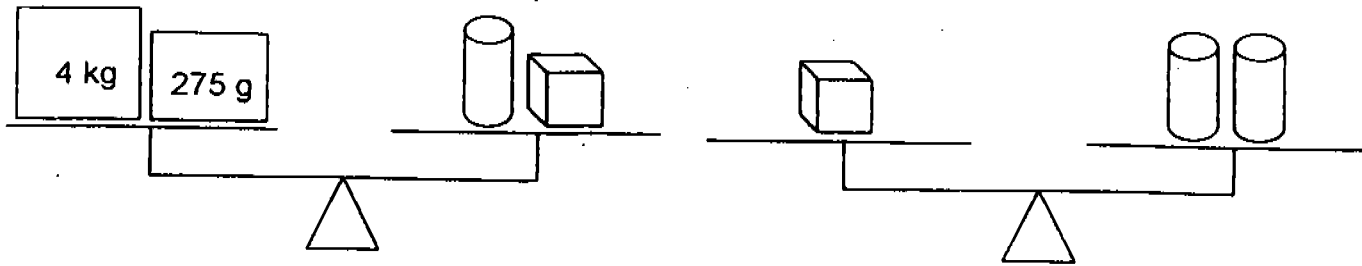

   (1) 5 m 41 cm
   (2) 6 m 66 cm
   (3) 9 m 41 cm
   (4) 10 m 41cm

11 Manny took part in a biathlon. She had to swim and run a distance of 8 km. She swam 1 500 m and ran for the remaining part of the race. How far did she run?

   (1) 6 km 500 m
   (2) 7 km 500 m
   (3) 8 km 150 m
   (4) 9 km 500 m
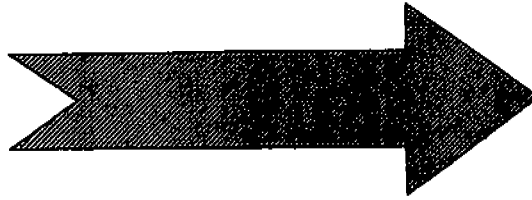
12. Study the following diagrams.

What is the weight of ?

(1)   855 g
(2) 1 425 g
(3) 2 850 g
(4) 4 275 g

13   A piggy bank containing some coins weighs 3 kg 657 g. If the coins weigh 3 kg, what is the total weight of 3 empty piggy banks?

(1)   1 kg 971 g
(2)   9 kg 657 g
(3)   10 kg 959 g
(4)   19 kg   71 g

14. What is 3 m less than 10 km?

(1)   9 007 m
(2)   9 097 m
(3)   9 907 m
(4)   9 997 m

15. A piece of wire, 1 metre long, is bent to form a rectangle. If the length of the rectangle is 28 cm long, what is the breadth of the rectangle?

(1)   22 cm
(2)   36 cm
(3)   44 cm
(4)   72 cm

16. How many angles **inside** the shaded figure shown below is/are bigger than a right angle?

    (1) 1
    (2) 2
    (3) 3
    (4) 5.

17. My aunt takes 20 minutes to bake a cake. How long does she take to bake 5 cakes?

    (1) 1 h 10 min
    (2) 1 h 20 min
    (3) 1 h 30 min
    (4) 1 h 40 min

18. Which of the following fractions is the greatest?

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

    (2) $\dfrac{2}{7}$

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

    (4) $\dfrac{2}{11}$

LMP/LSK

Sub Total :

24

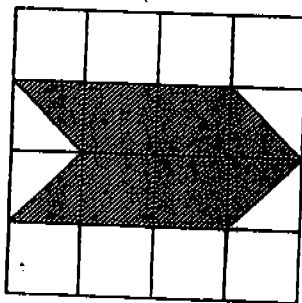19. Which one of the following fractions is **not** equivalent to $\frac{1}{4}$?

(1) $\frac{2}{8}$

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

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

(4) $\frac{4}{16}$

20. How many more **squares** must be added so that the shaded part of the figure make up half of the figure?
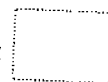
(1) 1
(2) 2
(3) 3
(4) 4

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SEMESTRAL ASSESSMENT 2 (2005)
MATHEMATICS
PRIMARY 3

Name : _____ (   )

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BOOKLET B

25 Questions
60 Marks

TOTAL TIME FOR BOOKLETS A & B : 1 HOUR 55 MINUTES

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ANSWER ALL THE QUESTIONS

Sub Total :

26

Section B (20 x 2 marks each)

Work out the following sums and write your answers in the boxes provided.

For each question, write your answer in the box provided. Give your answer in the units stated.

21. Write down the smallest 4-digit **even** number that can be formed with **7 , 2 , 5 , 0**.

22. $7\,459 = 7\,000 + \boxed{?} + 9$
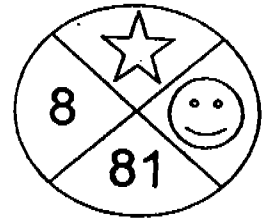
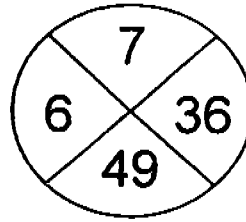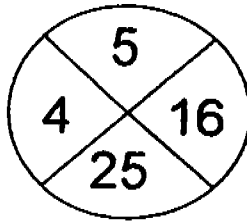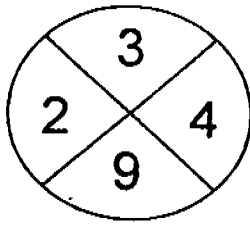   What is the missing number in the box?

23. At a MRT station, 49 passengers alighted from the train and 102 passengers boarded it. There were now 2 376 passengers in the train. How many passengers were there at first?

24. Ann packed 288 tennis balls equally into 9 bags. She gave 5 bags to the coach. How many tennis balls had she left?

25. Sam and Lynn save some money. For every $1 that Sam saves, Lynn saves $5. If Sam saves $38, how much does Lynn save?

   $

26. Study the following patterns.

(a) What does ☆ stand for?

(b) What does 😊 stand for?

(a) [ ]

(b) [ ]

27. Colin has six 50-cent coins and eight 5-cent coins. He wants to exchange them for 20-cent coins. How many 20-cent coins will he get?

[ ]

28. Arrange the following lengths in order, from the longest to the shortest.

107 m,   7 km 100m,   1 m 70 cm,   170 km

Longest _____ , _____ , _____ , _____ Shortest

29.

Penny's Restaurant

Menu

Fish Burger	$2.75
Noodles	$2.55
Tea	$1.10
Milo	$1.85
Fruit Juice	$1.35

Harry ordered a food item and a drink from the menu. He paid exactly $4.40. Which 2 items did he order?

(a)

(b)

30. Ann and Ravi picked up a total of 20 seashells from the beach. However, for every 2 shells Ann picked up, Ravi picked up 3. How many seashells did Ravi pick up?
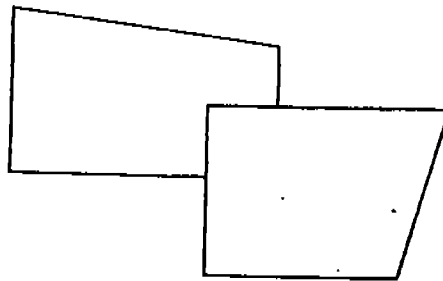
31.   The table below shows the ingredients for 200 rockbuns.

Recipe for making 200 rockbuns
275 g butter 2 large eggs 200 g sugar 400 g self-raising flour 375 g raisins

If each large egg weighs 51 g, what is the total weight of the
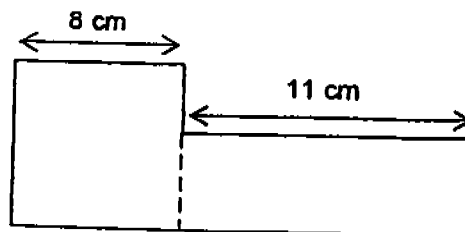ingredients for 200 rockbuns?

_____ kg _____ g

32.   How many right angles are there **inside the figure below**?

33.   The figure is made up of a square and a rectangle. What is the perimeter
of the figure?

8 cm

11 cm

cm

Sub Total :

30

34. Noogol had 2 litres of milk. He and his brother drank 550 mℓ of milk each. How much milk was left?

[_____ mℓ]

35. Mr Koh bought 4 tins of paint. Each tin contained 3ℓ of paint. He used up 7ℓ 190 mℓ of paint. How much paint had he left?

[____ ℓ ____ mℓ]

The following television programmes were shown last Friday. Look at the programmes and answer Questions 36 and 37

Channel 5

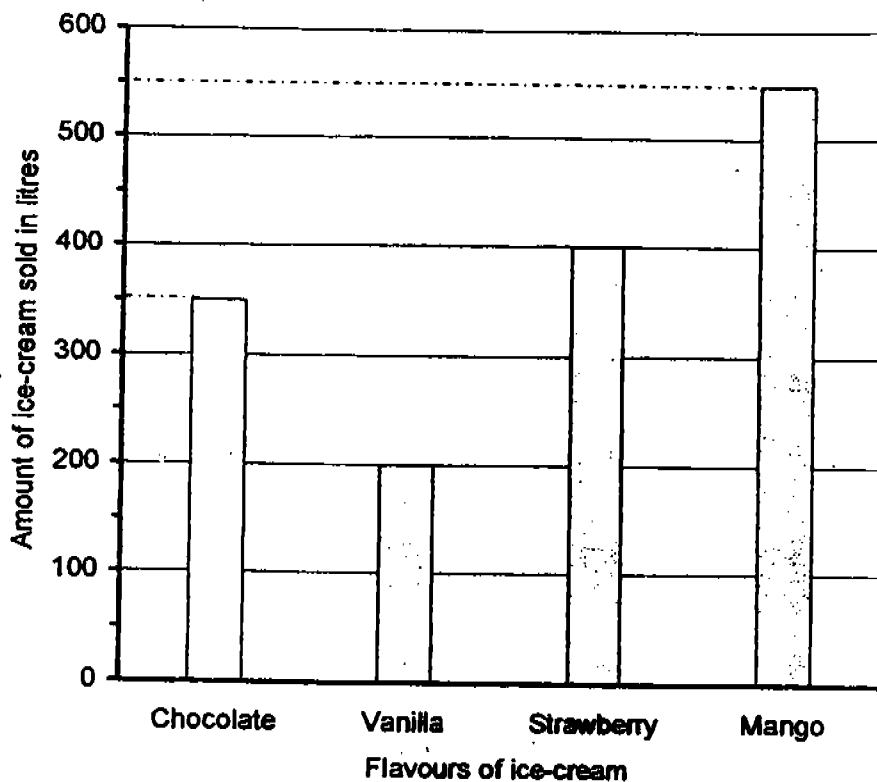| 6.00 p.m. | News 5 Tonight |
6.30 p.m.	The Amazing Race
8.15 p.m.	Your Health
8.45 p.m.	Feature Special

36. How long was the show "The Amazing Race"?

[____ h ____ min]

37. The "Feature Special" ended 50 minutes later. At what time did the show end?

[_____ p.m.]

The graph below shows the amount of ice cream sold.
Look at the graph and answer questions 38 to 40.

38.   Which flavour was the most popular?

39.   What was the total amount of ice-cream sold ?

ℓ

40.   If 1 ℓ of ice-cream was sold for $4, how much was collected for the
       chocolate ice-cream?

$

Section C (5 x 4 marks)

Solve the following word problems. Show each step of your working clearly as marks are awarded for working and relevant statements.

41. Mrs Yen bought 6 ℓ 150 mℓ of milk. She used 5 ℓ 200 mℓ and poured the rest into 2 containers equally. How much milk is there in each container?

42. Ali has some stickers. John has 90 stickers more than Ali. When all the stickers are shared equally between them, each of them gets 190 stickers. How many stickers does John have at first?

Sub Total :

33

43. The total age of Lawrence and Terry is 57 years old. Michael is 3 years younger than Lawrence and Terry is twice as old as Lawrence. How old is Michael?

44. Joshua earns $511 a week. He saves $15 every week. If he spends three times as much money on food as on transport, how much does he spend on food every week?

34

45. Edwin gets 2 sweets for cleaning a window. Whenever he cleans 4 windows, he is given an extra 10 sweets. How many windows does he clean if he gets 36 sweets?

- End of the paper -

ub Total :

35

Answer Sheets

ACS(Junior) School /Pri 3/SA2/2005 Maths

1)4	2)1	3)1	4)1	5)2	6)3
7)2	8)2	9)3	10)4	11)1	12)3
13)1	14)4	15)1	16)3	17)4	18)1
19)3	20)2				

21)2570   22)450   23)2323 passengers   24)128 balls

25)$190   26)a.9   b.64   27)17

28)170km,7km100m,107m,1m70cm   29)a.Noodles b.Milo   30)12 seashells

31)1 kg 352g 32)5 right angles   33)54   34)900ml   35)4l 810ml

36)1h 45min 37)9:35pm   38)Mango   39)1500l   40)$1400

41)There is 475ml of milk in each container.

42)Ali had 145 stickers at first

43)Michael is 16 years old

44)He spend $372 every week

45)He must clean 8 windows.