

SA2

ANGLO-CHINESE SCHOOL (JUNIOR)  
SEMESTRAL ASSESSMENT 2 (2004)  
MATHEMATICS  
PRIMARY 3

Name: \_\_\_\_\_ ( )

Class: P3. \_\_\_\_\_

Date: 2<sup>nd</sup> November 2004

Booklet A

20 questions  
40 marks

Total time for Booklets A and B: 1 hour 45 minutes

Do not open the booklet until you are told to do so.  
Read and follow all instructions carefully.  
Answer all questions.

Section A ( 20 x 2 marks )

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

1 In 3 412, the digit \_\_\_\_\_ is in the hundreds place.

- (1) 1
- (2) 2
- (3) 3
- (4) 4

2  $7\,036 - 817 = \boxed{?}$

What is the missing number in the box ?

- (1) 6 129
- (2) 6 219
- (3) 6 221
- (4) 6 229

3  $\frac{2}{7} = \frac{\boxed{?}}{49}$

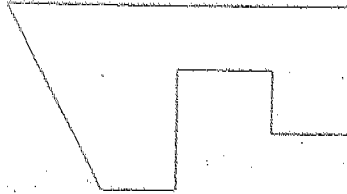
What is the missing numerator?

- (1) 9
- (2) 12
- (3) 14
- (4) 44

4  $9\text{ kg } 3\text{ g} = \underline{\hspace{2cm}}\text{ g}$

- (1) 903 g
- (2) 9 003g
- (3) 9 030g
- (4) 9 300g

- 5 The figure below has \_\_\_\_\_ right angles.



- (1) 7  
(2) 8  
(3) 3  
(4) 4
- 6 Edward spent 5 weeks and 3 days at a camp. How many days did he spend at the camp?
- (1) 15  
(2) 21  
(3) 35  
(4) 38
- 7 Mr. Tan has 208 caps in his shop. 133 of them are blue in colour and the rest are yellow. How many fewer yellow caps than blue caps does he have?
- (1) 58  
(2) 62  
(3) 68  
(4) 75
- 8 The capacity of a tank is 6 litres. 10 identical pails of water are needed to fill up the tank completely. What is the capacity of each pail?
- (1) 6 ml  
(2) 60 ml  
(3) 600 ml  
(4) 6000 ml

- 9 Shah collected 60 stars. He collected 4 times as many stars as Vincent. Find the difference in the number of stars they collected.

- (1) 15
- (2) 30
- (3) 45
- (4) 75

10

$$\begin{array}{r} 59 \text{ r } 2 \\ 8 \overline{) \boxed{?}} \end{array}$$

What is the missing number in the box?

- (1) 470
- (2) 472
- (3) 474
- (4) 488

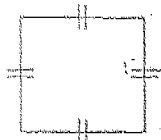
- 11 Collin baked some cakes. He placed 2 cherries and 6 strawberries on each cake. If he used 16 cherries altogether, how many strawberries did he use altogether?

- (1) 24
- (2) 32
- (3) 38
- (4) 48

- 12 Jane had \$30. She spent \$17.15 on a dress and \$8.90 on a toy. How much money had she left?

- (1) \$3.05
- (2) \$3.95
- (3) \$4.05
- (4) \$12.85

- 13 A square has a perimeter of 32 cm. Find its area.



Perimeter = 32 cm









- (1)  $8 \text{ cm}^2$   
(2)  $16 \text{ cm}^2$   
(3)  $64 \text{ cm}^2$   
(4)  $128 \text{ cm}^2$
- 14 Shelley took 2 h 10 min to clean up her room. She started cleaning up at 11.50 a.m. At what time did she finish cleaning up?
- (1) 1.50 a.m.  
(2) 1.50 p.m.  
(3) 2.00 a.m.  
(4) 2.00 p.m.
- 15 A rope was cut into 7 equal pieces. Each piece was 186 cm long. What is the original length of the rope?
- (1) 12 m 62 cm  
(2) 13 m 2 cm  
(3) 13 m 9 cm  
(4) 13 m 16 cm
- 16 Mary sold 2 350 concert tickets. She sold 408 concert tickets fewer than Sean. How many concert tickets did both of them sell altogether?
- (1) 1 942  
(2) 2 758  
(3) 4 292  
(4) 5 108

17 Mark had some bookmarks. He lost 10 bookmarks and gave away the remaining bookmarks equally to his 4 friends. If each of his friends received 11 bookmarks, how many bookmarks did Mark have at first?

- (1) 34
- (2) 44
- (3) 54
- (4) 65

18 Complete the pattern.

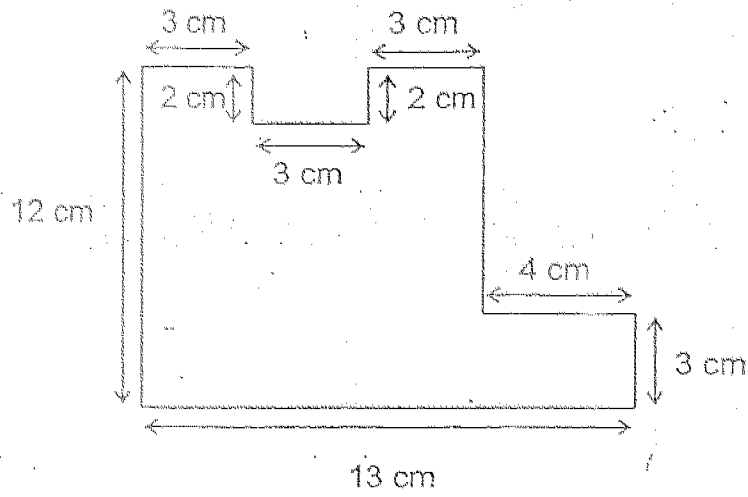


- (1)  
- (2)  
- (3)  
- (4)  

19 If  $\star + \star + \text{smiley} = 16$   
 and  $\star + \text{smiley} = 10$   
 then  $\text{smiley} + \text{smiley} = ?$

- (1) 12
- (2) 8
- (3) 6
- (4) 4

20 Find the perimeter of the figure below.



- (1) 49 cm
- (2) 50 cm
- (3) 52 cm
- (4) 54 cm

Section B ( 20 x 2 marks )

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

- 21 Write down the greatest 4-digit odd number that can be formed with 3, 0, 4, 1.

- 22 What is the value of 5 thousands + 21 hundreds + 7 ones?

- 23 How many twenty-cent coins can I exchange for \$25 ?

- 24 Pole A is 1 m 93 cm long while Pole B is 23 cm shorter.  
How long is Pole B ?

 cm

- 25  $3\text{ l } 47\text{ ml} - 1\text{ l } 7\text{ ml} = \underline{\quad} \text{ l } \underline{\quad} \text{ ml}$

 l      ml

- 26 Arrange the fractions in order, beginning with the smallest.

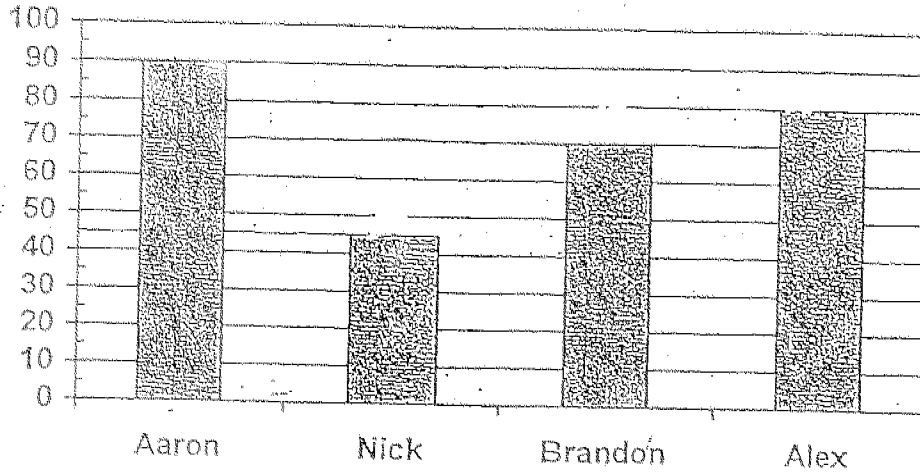
$$\frac{3}{7}, \frac{3}{4}, \frac{3}{11}, \frac{3}{8}$$

- 27 Which is the smallest fraction?

$$\frac{1}{3}, \frac{5}{18}, \frac{4}{6}$$



The bar graph below shows the marks obtained by 4 boys for a Mathematics examination. Study the bar graph carefully and answer questions 28, 29 and 30.



28 Alex scored \_\_\_\_\_ marks more than Nick.

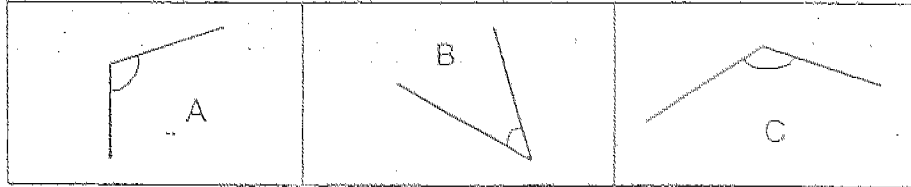
29 Aaron scored twice as many marks as \_\_\_\_\_.

30 The 4 boys scored \_\_\_\_\_ marks altogether.

31 Complete the number pattern.  
385, 495, \_\_\_\_\_, 715, 825.

- 32 A super-bus can carry 78 adults and 39 children. How many more adults than children can 10 such super-buses carry?

- 33 Study the angles below carefully.



Which of these angles are bigger than a right angle?

- 34 A whole number has two digits. The first digit is 4 times more than the second digit. The sum of the digits is 10. What is the number?

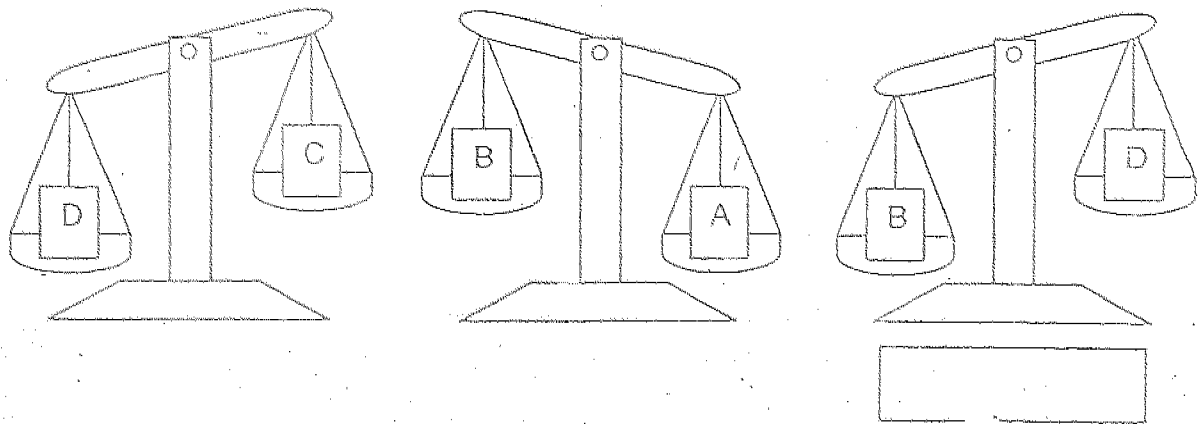
- 35 One kilogram of fish costs \$4. One kilogram of meat costs \$2.50 more than one kilogram of fish. Mrs Lim bought 2 kilograms of meat. How much did she pay for the meat?

- 36 Mrs Yee paid \$ 1.50 for 3 pens. She bought a book which costs twice as much as 1 pen. How much did she pay altogether for the book and 3 pens?

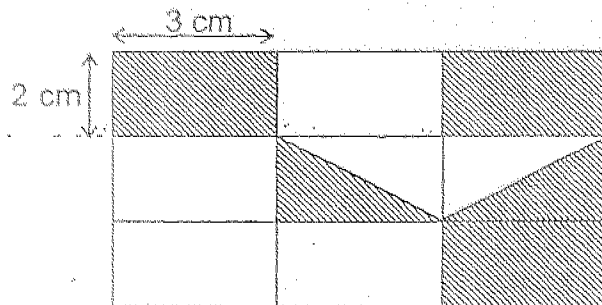
- 37 Siva spent 2 h 10 min completing his Mathematics worksheet. He spent 45 min less to complete his Science worksheet than he did for Mathematics worksheet. How long did he take to complete his Science worksheet ?

h	min
---	-----

- 38 Which block is the heaviest?



- 39 The figure is made up of 9 similar rectangles. Find the shaded area.



cm <sup>2</sup>
-----------------

40 Study the following number pattern.

Row 1				2								
Row 2				2		2						
Row 3				2		4		2				
Row 4				2		6		6		2		
Row 5				2		8		<input data-bbox="768 520 847 583" type="text" value="?"/>		8		2

What is the missing number ?

Section C ( 5 x 4 marks )

Work out the following sums carefully. Show each step of your working clearly as marks are given for working and relevant statements.

- 41 (a) Brenda was at the library at 11.10 a.m.  
She left the library at 12.30 p.m.  
How long was she at the library?

- (b) Mrs Karvi takes 50 minutes to bake a cake.  
How long will it take her to bake 5 butter cakes?

42 Miss Tay brought 73 packets of marshmallows to school. There were 8 marshmallows in each packet. She gave 5 packets to Mr Quek

(a) How many packets of marshmallows did Miss Tay have left?

(b) How many marshmallows had she left?

43 Sarah has 550 stamps.  
Leon has 110 stamps more than Sarah.  
Michael has 220 stamps fewer than Leon.  
How many stamps must Leon give to Michael so that Michael would only have 100 stamps fewer than Sarah?

44. Abel weighs three times as much as Bryant. Bryant weighs twice as much as Caleb. If they weigh 225 kg altogether, what is Bryant's weight?

45. Cup A has 380 ml of syrup.  
Cup B has 290 ml of syrup.  
Cup C has 500 ml of syrup.  
The syrup in Cup A, B and C were poured into Jug D. If 200 ml of syrup overflowed from the jug, what is the capacity of Jug D when it is half full?

ANGLO CHINESE SCHOOL (JUNIOR)  
SEMESTRAL ASSESSMENT 2 (2004)  
PRIMARY 3 MATHEMATICS

SAT

01. 4	11. 4
02. 2	12. 2
03. 3	13. (3)
04. 2	14. 4
05. 4	15. 2
06. 4	16. 4
07. 1	17. 3
08. 3	18. 3
09. 3	19. (2)
10. (3)	20. (4)

- 21) 4301
- 22) 7107
- 23) 125
- 24) 170 cm
- 25) 2 litres 40 ml
- 26)  $\frac{3}{11}$ ,  $\frac{3}{8}$ ,  $\frac{3}{7}$ ,  $\frac{3}{4}$
- 27)  $\frac{5}{18}$
- 28) 35
- 29) Nick
- 30) 285
- 31) 605
- 32) 390
- 33) A, C
- 34) 82
- 35) 13
- 36) 2.50
- 37) 1 h 25 min
- 38) A
- 39) 24
- 40) 12
- 41) a) 1 hr 20 min  
b) 4 hrs 10 mins
- 42) a) 140 marshmallows  
b) 544 marshmallows
- 43) 10 stamps
- 44) 50 kg
- 45) 485 ml