

Anglo-Chinese School
(Junior)

SEMESTRAL ASSESSMENT 1 (2006)
PRIMARY 3

MATHEMATICS
BOOKLET A

TUESDAY

9 MAY 2006

1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 20 questions in this booklet.

Answer ALL questions.

Name:.....()

Class:.....

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
TOTAL	100	

Parent's Signature : _____

This question paper consists of 7 printed pages. (Inclusive of cover page)

SECTION A (20 x 2 marks)

For each of the following questions, choose the correct answer and shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet provided.

1. Which one of the following has the smallest value?

- (1) 6 279
- (2) 6 297
- (3) 6 299
- (4) 6 288

2. How many tens are there in 3 500?

- (1) 35
- (2) 350
- (3) 3
- (4) 3 500

3. 8 thousands + 50 tens is 100 less than _____.

- (1) 8 050
- (2) 8 150
- (3) 8 400
- (4) 8 600

4. In the sum of 4 280 and 3 765, the digit 8 stands for _____.

- (1) 8
- (2) 80
- (3) 800
- (4) 8 000

5.
$$\begin{array}{r} 80\boxed{6} \\ - 3549 \\ \hline 4527 \end{array}$$

The missing number in the box is _____.

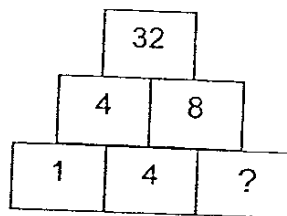
- (1) 5
- (2) 6
- (3) 7
- (4) 8

6. In the number sequence below, what is the missing number?

8 105, _____, 8 005, 7 955

- (1) 8 000
- (2) 8 015
- (3) 8 050
- (4) 8 055

7.



What is the missing number?

- (1) 1
- (2) 2
- (3) 7
- (4) 8

8. There were 22 blue marbles and 10 fewer red marbles in a box. How many blue and red marbles were there in the box altogether?

- (1) 12
- (2) 22
- (3) 32
- (4) 34

9. If $\diamond + \diamond = 100$

and $\triangle + \triangle + \triangle = 138$,

then $\diamond + \triangle = ?$

- (1) 38
- (2) 56
- (3) 96
- (4) 238


10. $78 \square 6 = 20 - 7$

The missing sign in the box is _____.

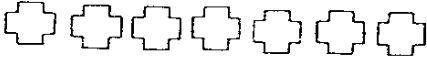
- (1) +
- (2) -
- (3) x
- (4) ÷

11. What is the quotient when you divide 907 by 3?

- (1) 1
- (2) 32
- (3) 302
- (4) 311

12. If  stands for 18 cars,
which one of the following stands for 42 cars?

(1) 

(2) 

(3) 

(4) 

13. David saved \$218 a month. Amos saved twice as much as David a month.
How much did Amos save in 6 months?

- (1) \$442
(2) \$436
(3) \$1 308
(4) \$2 616

14. Paul is 6 years old. In 2 years' time, his sister will be 3 times as old as
Paul. How old is his sister now?

- (1) 8
(2) 11
(3) 22
(4) 24

15. $882 \div 7 = \square \times 2$

- (1) 63
(2) 126
(3) 252
(4) 441

20. 40 ten-cent coins have the same value as _____ ?

- (1) 10 fifty-cent coins
- (2) 10 twenty-cent coins
- (3) 20 ten-cent coins and 5 twenty-cent coins
- (4) 20 ten-cent coins and 10 twenty-cent coins

SECTION B (20 × 2 marks)

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

21. Write five thousand and twelve in numerals.

22. The smallest even number that can be formed with the digits 3, 7, 0 and 6 is _____.

23. In 6 543, the digit 5 is in the _____ place.

24. The sum of 70 hundreds and 100 ones is _____.

18

25. The difference between two numbers is 3849. The smaller number is 978. What is the bigger number?

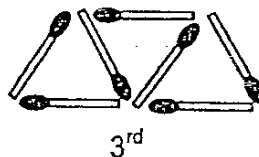
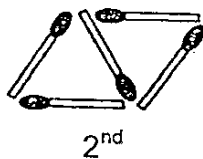
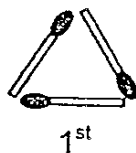
26. The product of 4 and is the same as 500. The missing number in the box is _____.

27. If $\heartsuit = 16 \div \text{smiley}$,

and smiley is 2,

then $\heartsuit \div \text{smiley} = ?$

28. Study the pattern below. How many matchsticks are there in the 5th set?



29. After donating 185 cans of sardines and 268 cans of baked beans to a charity organisation, the grocer was left with 77 cans of food. How many cans of food did he have at first?

30. After paying for 3 sharpeners at 60 cents each, Susan had 80 cents left. How much did Susan have at first?

31. $8 + 8 + 8 + 8 + 8 = \square \times 4$. The missing number in the box is _____.

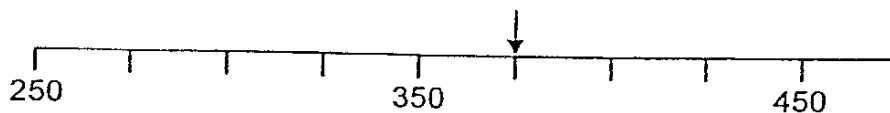
32. There are sevens in 392. The missing number in the box is _____.

33. How many fifty-cent coins can be exchanged for 8 two-dollar notes?

34. At a cross-country race, Ali was 50 metres ahead of Bala. Chris was 20 metres behind Ali but 40 metres in front of Daniel. Who was third in position?

35. A ticket to the carnival costs \$5. How many tickets can Mrs Tan get with 1 ten-dollar note, 7 two-dollar notes and 5 twenty-cent coins?

36. Look at the number line. What is the number indicated by the arrow?



37. What is the missing number?

4	6	8	10
16	36	64	?

38. A class had 16 boys and twice as many girls. If 19 pupils failed a test, how many pupils passed?

39. Mrs Lim has 3 sons and 2 daughters. She would like one of her sons and one of her daughters to help her in the garden. How many ways could she choose her helpers?

40. What is the total amount of money shown below?

Types of Notes / Coins	\$10	\$5	\$2	50¢	20¢	10¢	5¢
Number of Notes / Coins	1	1	2	2	3	3	3

SECTION C (5 × 4 marks)

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

41. Henry collected 589 stamps. He collected 120 fewer stamps than Max. Alan collected 62 more stamps than Henry. How many stamps did Alan and Max collect altogether?

42. On Monday, Mr Lee sold 1 650 curry puffs. On Tuesday, he sold 225 fewer curry puffs than on Monday. If he sold 4 000 curry puffs from Monday to Wednesday, how many curry puffs were sold on Wednesday?

23

43. Maria had 145 Malaysian stamps and 278 Indonesian stamps. The stamps were put together in packets of 8.
- (a) How many packets of stamps were there?
 - (b) How many stamps were left unpacked?

44. Ahmad had 3 times as many bookmarks as Devi. If he had 68 more bookmarks than Devi, how many bookmarks did they have in all?

45. Wei Wen has 13 coins that add up to \$5. Some of them are 50-cent coins and the rest are 20-cent coins. How many 20-cent coins does he have?

- End of paper -

Answer Sheets**Anglo Chinese Pri 3 SA1 / 2006 Maths**

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

21. 5012

22. 3076

23. $6\underline{5}43 = \text{hundreds}$

24. $70 \text{ hundreds} = 70 \times 100 = 7000$
 $100 \text{ ones} = 100 \times 1 = 100$
 $7000 + 100 = \underline{7100}$

25. $3849 + 978 = \underline{4827}$

26. $500 \div 4 = \underline{125}$

27. $\heartsuit \div \text{smiley} = 8 \div 2 = \underline{4}$

28. $4^{\text{th}} \text{ set} = 9 \text{ matchsticks}$
 $5^{\text{th}} \text{ set} = \underline{11 \text{ matchsticks}}$

29. $186 + 268 = 453 \text{ cans}$
 $453 + 77 = \underline{530 \text{ cans}}$

30. $3 \text{ sharpeners} \times 0.60\text{¢} = \1.80
 $\$(1.80 + 0.80) = \underline{\$2.60\text{¢}}$

31. $8 + 8 + 8 + 8 + 8 = \underline{10} \times 4$
 $40 = 40$

32. $392 \div 7 = \underline{56}$

33. $8 \times \$2.00 = \16.00
 $\$16.00 \div 0.50\text{¢} = \underline{32} \text{ } 0.50\text{¢} \text{ coins}$

34. Bala

35. $1 \times \$10.00 = \10.00
 $7 \times \$2.00 = \14.00
 $5 \times \$0.20\text{¢} = \$ 1.00$
 $\$(10 + 14 + 1) = \25.00
 $\$5.00 = 1 \text{ ticket}$
 $\$25.00 = \underline{5 \text{ tickets}}$

36. $1 \text{ marked} = 25$
 $350 + 25 = \underline{375}$

37. $10 \times 10 = \underline{100}$

38. Boys = 16
Girls = $16 \times 2 = 48$
 $48 - 19 = \underline{29 \text{ passed a test}}$

$$\begin{aligned}
 39. \quad 3 + 2 &= 5 \text{ children} \\
 1 + 1 &= 1 \text{ way} \\
 5 + 1 &= \underline{\mathbf{6 \text{ ways}}}
 \end{aligned}$$

$$\begin{aligned}
 40. \quad 1 \times \$10.00 &= \$10.00 \\
 1 \times \$5.00 &= \$ 5.00 \\
 2 \times \$2.00 &= \$ 4.00 \\
 2 \times \$0.50\text{¢} &= \$ 1.00 \\
 3 \times \$0.20\text{¢} &= \$ 0.60 \\
 3 \times \$0.10\text{¢} &= \$ 0.30 \\
 3 \times \$0.05\text{¢} &= \underline{\underline{\$ 0.15}} \\
 &= \underline{\underline{\mathbf{\$21.05}}}
 \end{aligned}$$

$$\begin{aligned}
 41. \quad \text{Henry} &= 589 \text{ stamps} \\
 \text{Max} &= 589 + 120 = 709 \text{ stamps} \\
 \text{Alan} &= 62 + 589 = 651 \text{ stamps} \\
 &= 709 + 651 = 1360 \text{ stamps}
 \end{aligned}$$

They collected **1360 stamps**

$$\begin{aligned}
 42. \quad \text{Monday} &= 1650 \text{ curry puffs} \\
 \text{Tuesday} &= 1650 - 225 = 1425 \text{ curry puffs} \\
 \text{Wednesday} &= 4000 - (1650 + 1425) \\
 &= 925 \text{ curry puffs}
 \end{aligned}$$

He sold **925 curry puffs** on Wednesday

$$\begin{aligned}
 43a. \quad 145 + 278 &= 423 \text{ stamps} \\
 &= 423 \div 8 = 52 \text{ packets r5}
 \end{aligned}$$

There are 52 packets

43b. **7 stamps** left unpacked.

$$\begin{aligned}
44. \text{ Ahmad} &= 3 \text{ units} \\
\text{Devi} &= 1 \text{ unit} \\
(3 + 1) &= 4 \text{ units} \\
&= 68 \div 4 = 17 \text{ book marks} \\
\text{Ahmad} &= 17 \times 3 = 51 + 68 = 119 \\
\text{Devi} &= 1 \times 17 = 17 \\
&= (119 + 17) = 136 \text{ bookmarks}
\end{aligned}$$

They have 136 bookmarks altogether.

$$45. \quad 13 \text{ coins} = \$5.00$$

$$0.50¢ \times 8 = \$4.00$$

$$0.20¢ \times \underline{5} = \$1.00$$

There are 5 0.20¢ coins