

**Anglo-Chinese School  
(Junior)**



**SEMESTRAL ASSESSMENT 2 (2012)  
PRIMARY 3**

**MATHEMATICS  
BOOKLET A**

**Wednesday**

**24 October 2012**

**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.

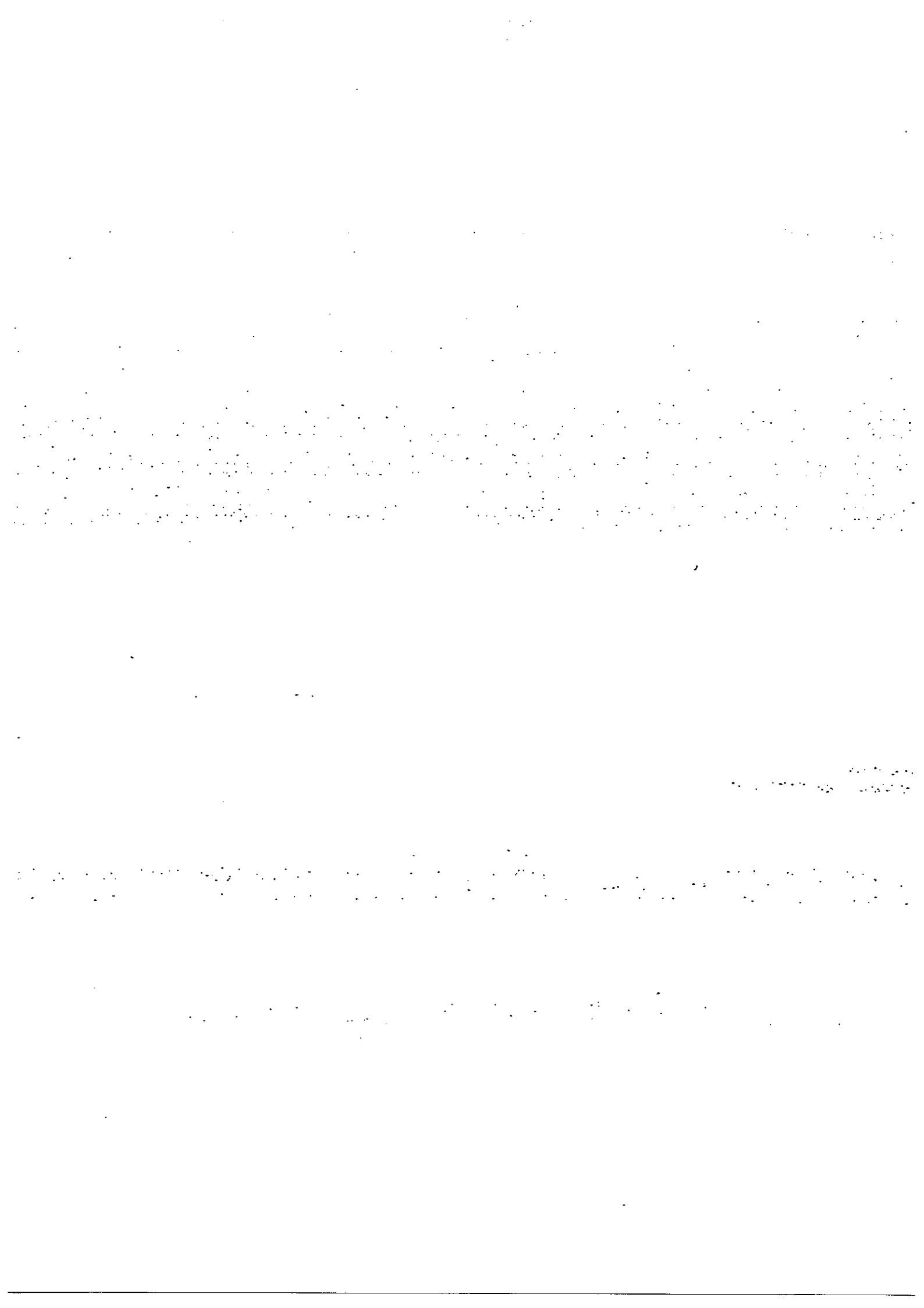
Answer ALL questions.

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

Class: \_\_\_\_\_

Parent's Signature \_\_\_\_\_

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



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) on the Optical Answer Sheet (OAS).

1. In which numeral does the digit 6 stand for 6 hundreds?

- (1) 1365
- (2) 2096
- (3) 6987
- (4) 8635

2. What is 46 hundreds and 64 tens when written in numerals?

- (1) 1100
- (2) 4664
- (3) 5240
- (4) 6446

3. Subtract 3682 from 7000

- (1) 3318
- (2) 3428
- (3) 4318
- (4) 4682

4. Nicholas has 560 marbles. He has 38 marbles more than Suresh. How many marbles do they have in all?

- (1) 522
- (2) 598
- (3) 1082
- (4) 1158

5. What is the remainder when 678 is divided by 3?

- (1) 1
- (2) 2
- (3) 3
- (4) 0

6.

$$\odot + \odot + \odot + \odot + \odot = \blacklozenge + \odot + \odot$$

If  $\odot = 9$ , find the value of  $\blacklozenge$

- (1) 18
- (2) 27
- (3) 36
- (4) 45

7. Mary bought 4 similar boxes of lollipops from a candy shop. There were 40 lollipops in each box. If all the lollipops were repacked into packets of 8, how many packets would she need?

- (1) 20
- (2) 80
- (3) 160
- (4) 320

8. Benson and Jasmine had 804 marbles altogether. After Jasmine had given 18 marbles to Benson, Benson had 3 times as many marbles as Jasmine. How many marbles did Jasmine have at first?

- (1) 183
- (2) 196
- (3) 219
- (4) 241

9. How many more 20¢ coins does Lisa need to make \$1.60?

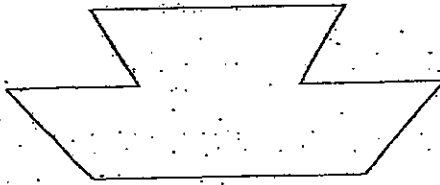


- (1) 7
- (2) 6
- (3) 5
- (4) 4

10. 140 min = \_\_\_\_\_

- (1) 1 h 20 min
- (2) 1 h 40 min
- (3) 2 h 20 min
- (4) 2 h 40 min

11. How many angles inside the figure shown below are bigger than a right angle?



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

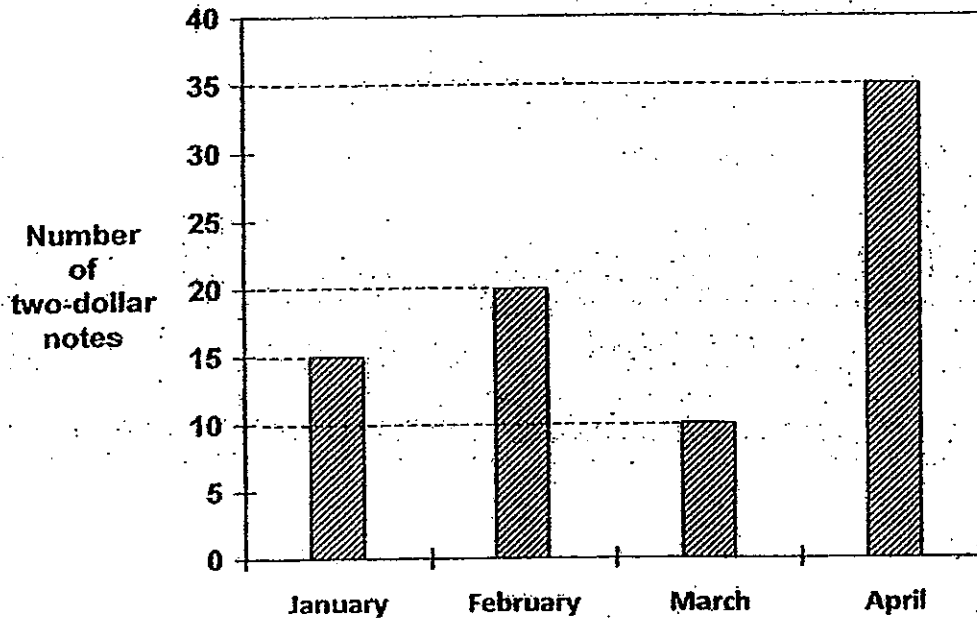
12. Which of the following is the shortest length?

- (1) 5 m
- (2) 5 km
- (3) 50 cm
- (4) 50 m

13. 6 kg 5 g = \_\_\_\_\_ g

- (1) 605 g
- (2) 650 g
- (3) 6005 g
- (4) 6500 g

The bar graph shows the number of two-dollar notes Ravi saved in four months.



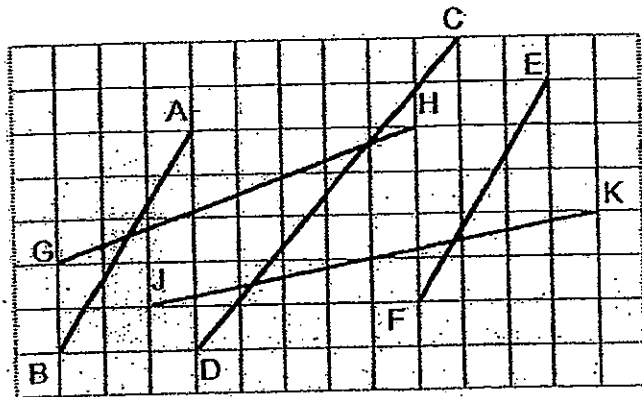
14. How much money did he save in the four months?

- (1) \$40
- (2) \$80
- (3) \$160
- (4) \$320

15. Mr Pang sold some bowls of soup. Each bowl contained 700 ml of soup and each bowl of soup cost \$6. If Mr Pang collected \$30, what was the volume of soup he sold?

- (1) 2 l 100 ml
- (2) 2 l 800 ml
- (3) 3 l 500 ml
- (4) 4 l 200 ml

16. In the figure, which two lines are parallel to each other?



- (1) AB and CD
- (2) AB and EF
- (3) CD and EF
- (4) GH and JK

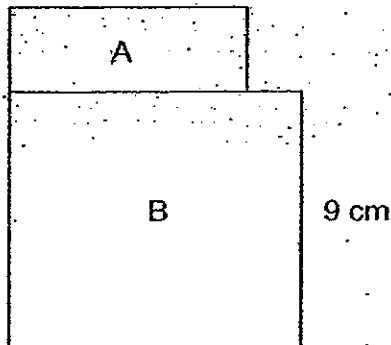
17. Which of the following fractions is greater than  $\frac{1}{2}$ ?

- (1)  $\frac{2}{5}$
- (2)  $\frac{3}{7}$
- (3)  $\frac{4}{8}$
- (4)  $\frac{5}{9}$

18. I am a fraction equivalent to  $\frac{2}{3}$ . If my numerator is 12, what is my denominator?

- (1) 18
- (2) 24
- (3) 36
- (4) 60

19. Figure A is a rectangle. Figure B is a square. The total area of A and B is  $105 \text{ cm}^2$ . What is the area of A?



- (1)  $24 \text{ cm}^2$
- (2)  $36 \text{ cm}^2$
- (3)  $81 \text{ cm}^2$
- (4)  $96 \text{ cm}^2$

20. 6 bags of sweets and 2 bags of marbles have a total mass of 2040 g. If 4 bags of sweets and 2 bags of marbles have a total mass of 1500 g. What is the mass of 1 bag of sweets?

- (1) 250 g
- (2) 255 g
- (3) 270 g
- (4) 540 g

END OF BOOKLET A



Anglo-Chinese School  
(Junior)



SEMESTRAL ASSESSMENT 2 (2012)  
PRIMARY 3

MATHEMATICS  
BOOKLET B

Wednesday

24 October 2012

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 25 questions in this booklet.

Answer ALL questions.

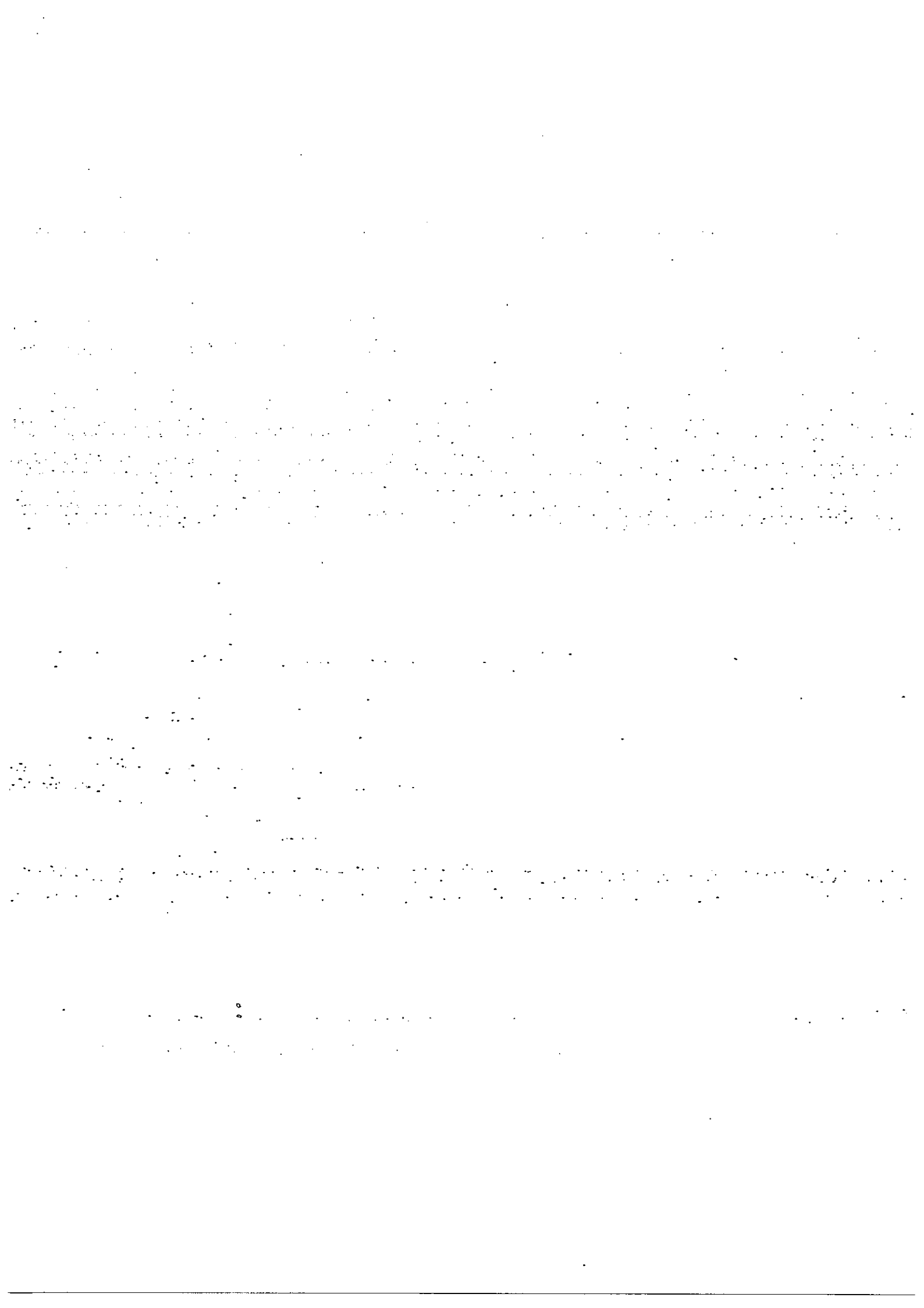
Name:.....( )

Class:.....

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

Parent's Signature : \_\_\_\_\_

This question paper consists of 11 printed pages. (Inclusive of cover page)



**Section B (20 x 2 marks each)**

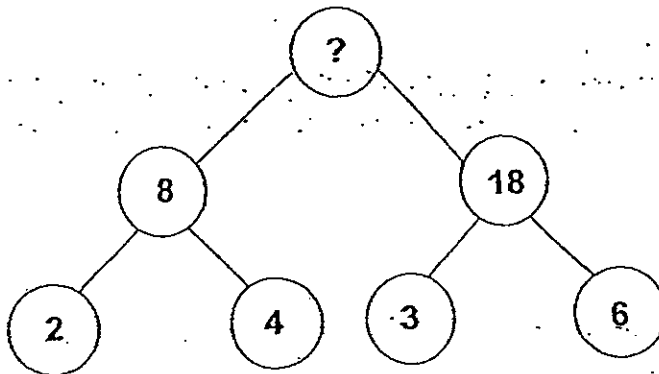
For each question, write your answer in the box provided. Give your answer in the units stated.

21. Form the largest four digit odd number using the digits 4, 9, 0, 1.

22. The difference between two numbers is 3420. The smaller number is 1250. What is the larger number?

23.  $\$86.40 - \$20.75 =$  \_\_\_\_\_

24. What is the missing number?



25. What is the missing digit in the box?

$$\begin{array}{r} 196R3 \\ 4 \overline{) 7 \square 7} \end{array}$$

26. Mrs Lee packed 1020 curry puffs into boxes of 6 for sale. She sold 95 boxes in the morning and the rest in the afternoon. How many boxes of curry puffs were sold in the afternoon?

27. Ramy had 10 twenty-cent and 6 five-cent coins. How much money did he have altogether?

28.

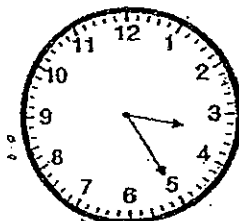
$$\begin{aligned} \text{⚡} + \text{☆} + \text{○} &= 210 \\ \text{○} + \text{○} + \text{○} &= 315 \\ \text{☆} + \text{☆} &= 78 \end{aligned}$$

Find the value of

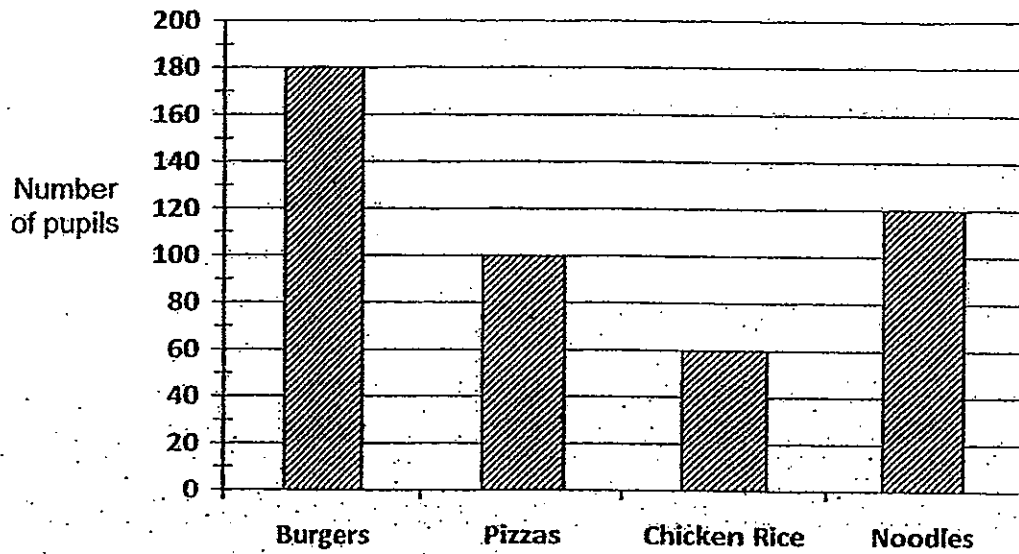
29. Kenny took 2 h 15 min to complete a jigsaw puzzle. He took 30 minutes longer than his sister to complete the same jigsaw puzzle. How long did his sister take to complete the jigsaw puzzle?  
(Give your answer in hours and minutes.)

 h     min

30. What is the actual time now if the clock is 35 minutes slow?

 p.m.

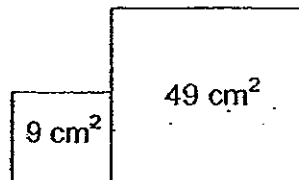
The bar graph shows the types of food the pupils buy in the canteen in one day.



31. There were \_\_\_\_\_ times as many students buying burgers as those who buy chicken rice?

32. If each pupil spent \$3 at the Noodles stall, what was the total amount of money the pupils spent on noodles?

33. The figure is made up of 2 squares. Find the perimeter of the figure.

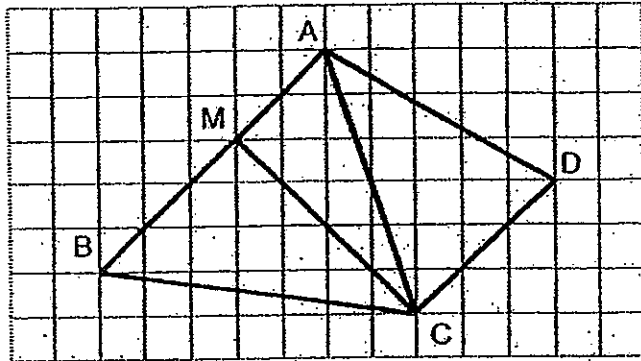


34. Jay completed  $\frac{1}{6}$  of her homework on Monday and  $\frac{1}{3}$  of it on Tuesday.  
What fraction of her homework was not completed? (Give your answer in its simplest form)

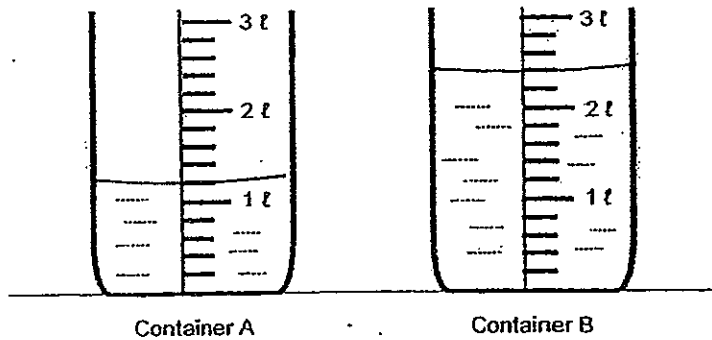
35. Mrs Li had 1 litre of apple juice. She drank 350 ml of the juice and poured the remainder equally into 5 glasses. How much apple juice was there in each glass?

36. Rope A is three times as long as Rope B. When 35 cm of Rope A was cut off, Rope A is 155 cm longer than Rope B. What is the length of Rope A at first?

37. In the figure, which line is perpendicular to AB?

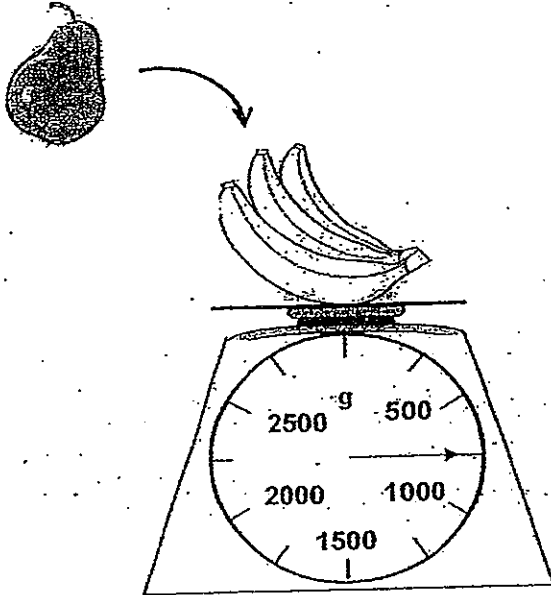



38. Containers A and B contain some water. How much water must be poured from B into A so that the two containers will have an equal amount of water?



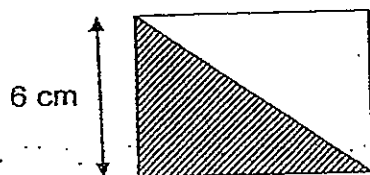


39. The bunch of bananas has a mass as shown below. What is the mass of the two fruits if a pear of mass 450 g is placed on it? (Give your answer in kilograms and grams)



kg      g

40. The area of the shaded part is  $24 \text{ cm}^2$ . If the breadth of the figure is 6 cm. What is the length of the figure?



cm

**Section C ( 5 x 4 marks)**

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

41. Sean had 3 times as many stamps as Gregory. Sean had 538 stamps more than Gregory. How many stamps did Sean have?

42. Romeo and Jerald spent a total of \$248 at a bookshop. Romeo spent \$135.50. How much more did Romeo spend than Jerald?

43. Nick said, "If I put on another 2 kg, my mass will be the same as Tim's"  
Tim added, "I will be as heavy as Mayu if I lose 6 kg."  
If the lightest child has a mass of 45 kg, what is the mass of the 3 children?

44. The total length of 2 poles is 940 cm. What is the length of the shorter pole if their difference in length is 60 cm?

45. Rachel had some 50-cent coins and Rina had some 20-cent coins. When Rachel gave 10 of her coins to Rina, both of them had an equal number of coins. If they had 56 coins altogether, how much money did Rachel have before she gave Rina her coins?

- End of Booklet B -

# ANSWER SHEET

**EXAM PAPER 2012**

**SCHOOL : ANGLO-CHINESE SCHOOL(JUNIOR)**

**SUBJECT : PRIMARY 3 - MATHEMATICS**

**TERM : SA 2**

## SECTION A

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

Q17	Q18	Q19	Q20
4	1	1	3

## SECTION B

21. 9401

22. 4670

23. \$65.65

24. 144

25. 8

26. 75

27. \$2.30

28. 66

29. 1h 45 min

30. 4 p.m.

31. 3

32. \$360

33. 34 cm

34.  $\frac{1}{2}$

35. 130 ml

36. 285 cm

37. CM

38. 600 ml

39. 1kg 200g

40. 8 cm

### SECTION C

41. 2 units  $\longrightarrow$  538 stamps  
1 unit  $\longrightarrow$   $538 \div 2 = 269$   
3 units  $\longrightarrow$   $269 \times 3 = 807$   
Sean has 807 stamps.

42.  $\$248 - \$135.50 = \$112.50$   
 $\$135.50 - 112.50 = \$23.00$   
Romeo spent \$23.00 more than Jerald.

43.  $45\text{kg} \times 3 = 135\text{kg}$   
 $135\text{kg} + 4\text{kg} + 4\text{kg} + 2\text{kg} = 145\text{kg}$   
The total mass of the 3 children is 145kg.

44. 2 units  $\longrightarrow$   $940 - 60 = 880\text{cm}$   
1 unit  $\longrightarrow$   $880 \div 2 = 440\text{cm}$   
The length of the shorter pole is 440cm.

45.  $56 \div 2 = 28$   
 $28 + 10 = 38$   
 $38 \times 50\text{¢} = \$19$   
Rachel had \$19 before she gave Rina her coins.