Anglo-Chinese School
(Junior)

THE BEST IS YET TO BE

SEMESTRAL ASSESSMENT 1 (2009)
PRIMARY 4

MATHEMATICS

BOOKLET A

Wednesday, 13 May 2009   **Total Time for Booklet A and B: 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 × 2 marks)

For each question, four options are given. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

1. 63 thousands and 11 hundreds is _____ . *1100*

    (1)   63 011
    (2)   63 110
    (3)   64 011
    (4)   64 100

    (   )

2. Which one of the following numbers when rounded off to the nearest 100 is 6000?

    (1)   5 090
    (2)   5 550
    (3)   6 041
    (4)   6 101

    (   )

3. The best estimate for 49 × 204 is _____ .

    (1)   40 × 200
    (2)   40 × 210
    (3)   50 × 200
    (4)   50 × 210

    (   )

4. Which of the following are common factors of 25 and 100?

    (1)   1 and 50
    (2)   2 and 75
    (3)   5 and 25
    (4)   8 and 10

    (   )

5. A number when divided by 7 has a quotient of 357 and a remainder of 6. What is the number?

    (1)   51
    (2)   57
    (3)   2 499
    (4)   2 505

    (   )

6.   Which of the following fractions is the biggest?
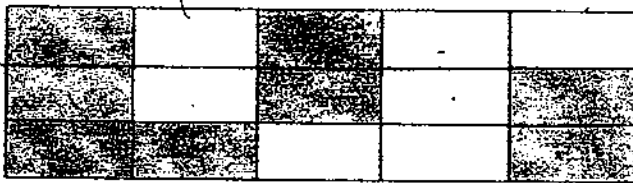
(1) $\frac{1}{2}$

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

(3) $\frac{1}{5}$ X

(4) $\frac{3}{7}$ X

(   )

7.   What fraction of the figure is shaded?

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

(2) $\frac{4}{7}$

(3) $\frac{4}{11}$

(4) $\frac{8}{15}$

(   )

8.   How many quarters are there in $5\frac{1}{2}$?

(1)   7
(2)   11
(3)   17
(4)   22

(   )

9. $2\frac{5}{6} = \frac{\square}{18}$

The number in the box is _____.

(1)   15
(2)   17
(3)   51
(4)   68

(   )

10. $10 - \dfrac{1}{4} - \dfrac{2}{3} = $ _____

    (1) $7\dfrac{3}{7}$

    (2) $8\dfrac{1}{4}$

    (3) $9\dfrac{1}{12}$
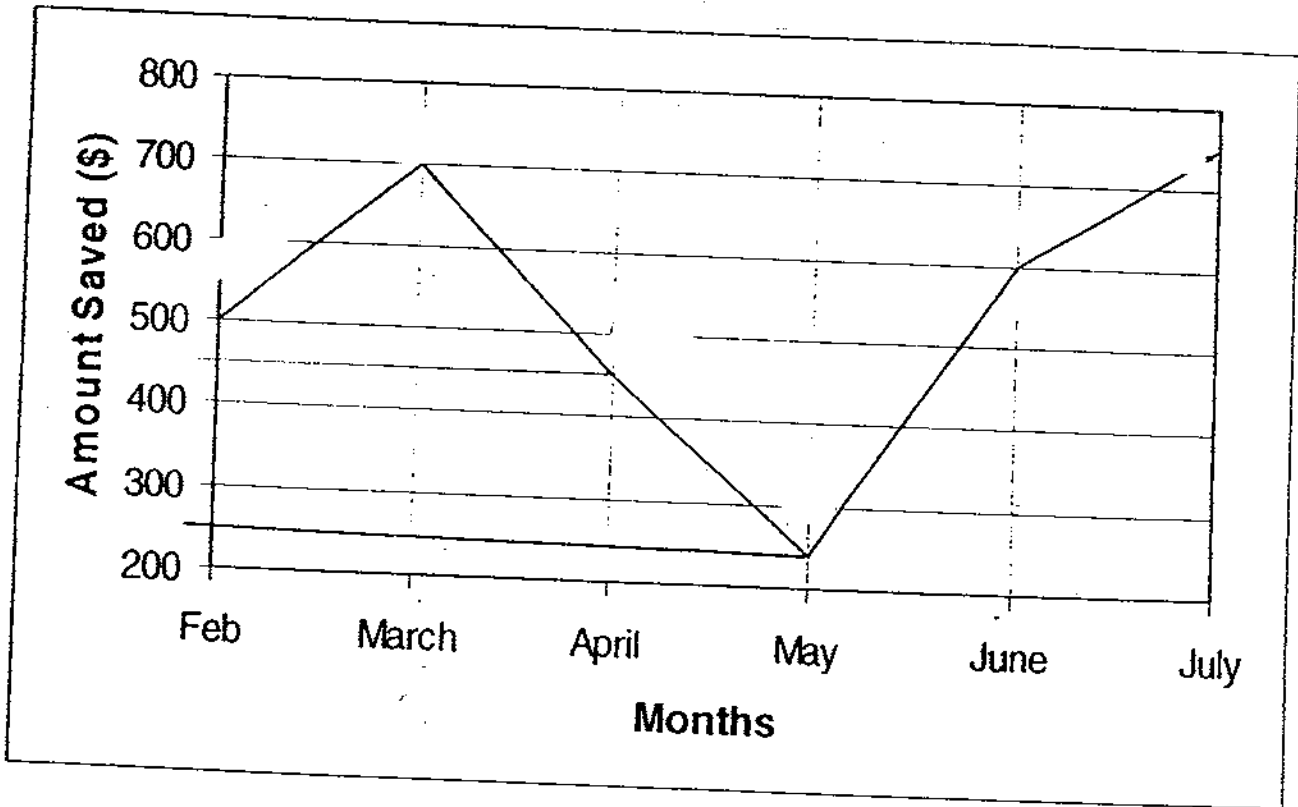
    (4) $9\dfrac{11}{12}$

                                                                         (   )

The line graph shows the amount of money Linda saved from February to July. Study it and answer questions 11 and 12.

11. How much did Linda save from March to June?

    (1) $1300
    (2) $1400
    (3) $2000
    (4) $2500

                                                                         (   )

12. If Linda saved $3150 for the first 6 months of the year, how much did she save in January?

(1) $100
(2) $650
(3) $1250
(4) $2550   (   )

The table below shows the enrolment of P4 pupils. Study the table and use it to answer questions 13 and 14.

Gender	4A	4B	4C	4D
Boys	17	15	23	18
Girls	22	24	17	23

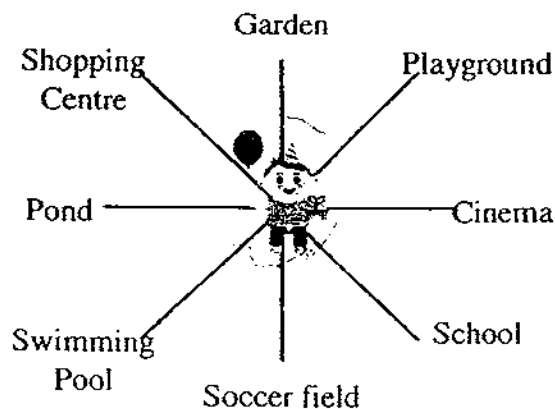13. Which class has the largest enrolment?

(1) 4A
(2) 4B
(3) 4C
(4) 4D   (   )

14. If all the pupils are grouped into 3 groups, how many pupils are there in each group?

(1) 47
(2) 53
(3) 57
(4) 61   (   )
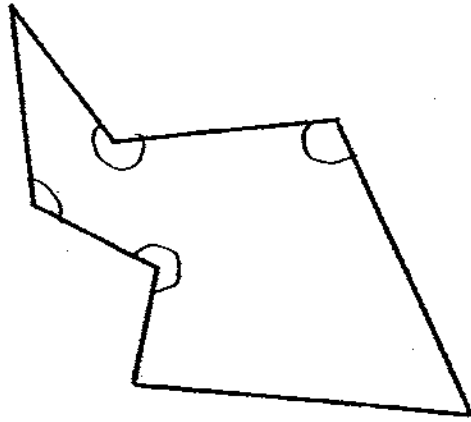
15. Alex is facing the school. He turns 135° clockwise and then makes a $\frac{3}{4}$ turn anti-clockwise. Where is he facing?

(1) Garden
(2) Cinema
(3) Playground
(4) Soccer Field

(   )

16.   How many angles in the figure are greater than a right angle?

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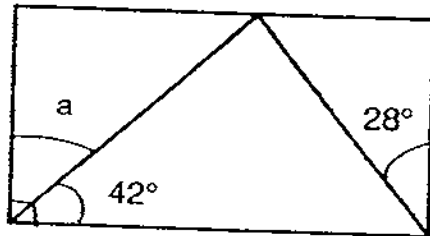   (4)   4

    (   )

17.   How many degrees is a $\frac{1}{4}$ turn?

    (1)   45°
    (2)   90°
    (3)   135°
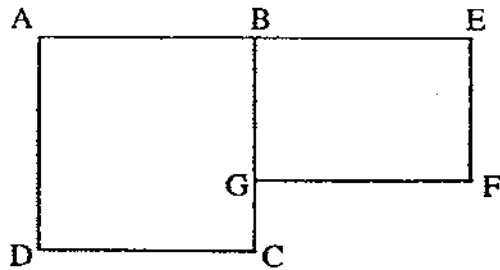   (4)   180°

    (   )

18.   The figure below shows a rectangle. Find $\angle a$. (The figure is not drawn to scale)

    (1)   28°
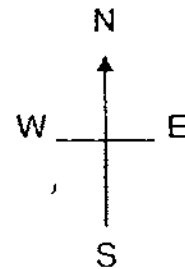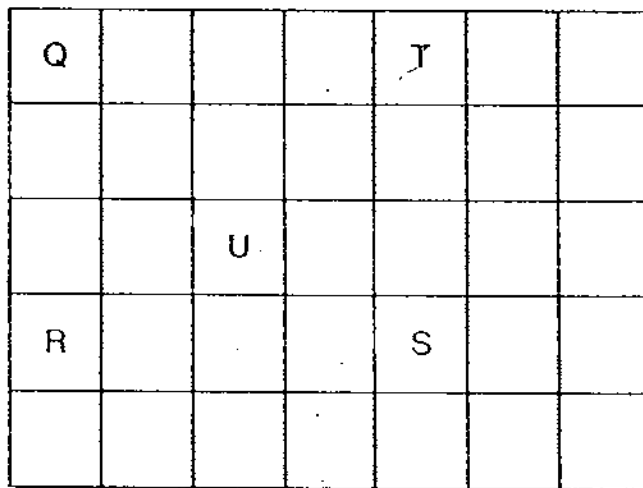   (2)   38°
    (3)   48°
    (4)   58°

    (   )

19. The figure below is made up of a square and a rectangle. Which statement is **false**?

(1) AB is parallel to GF
(2) AD is perpendicular to AE
(3) EF is parallel to DC
(4) BC is perpendicular to GF

(3)

20. Study the positions of the letters carefully.

U is _____ of T.

(1) North
(2) West
(3) North-East
(4) South-West

(4)

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BOOKLET B

Wednesday, 13 May 2009   **Total Time for Booklet A and B: 1 h 45 min**

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There are 25 questions in this booklet.

Answer ALL questions.

Name:_____ (   )

Class:_____

Parent's Signature :_____

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

This question paper consists of 9 printed pages. (Inclusive of cover page)

Section B (20 x 2 marks)

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

21.   The greatest **4-digit** odd number between 5 000 and 9 000 that can be formed with the digits 5, 6, 0 and 9 is _____.

22.   What is the missing number in the number pattern?

3 , 5 , 9 , 15 , _____ , 33 , 45

23.   The smallest possible number which will give 4 900 when rounded off to the nearest ten is _____.

24.   The sum of all the factors of 27 is _____.

25.   The product of the first and ninth multiples of 12 is _____.

26. Arrange the following fractions in increasing order:

$$\frac{3}{4} \qquad \frac{2}{3} \qquad \frac{7}{12}$$

27. How many two-fifths are there in $4\frac{2}{5}$?

28. If $\frac{1}{8}$ of a box weighs 80g, what is the weight of 5 similar boxes?

kg	g

29. In a class of 42 pupils, $\frac{1}{7}$ of them were boys. The girls in the class donated \$3 each to a charity. How much money did the girls donate in total?

$

30. Mrs Mohamed bought some fruits. $\frac{2}{7}$ of the fruits were apples. The number of oranges was $\frac{1}{4}$ the number of pears. What fraction of the fruits were pears?

The table shows the results of a survey on the amount of weekly pocket money received by a group of 31 children. Study the table carefully and use it to answer questions 31 to 34.

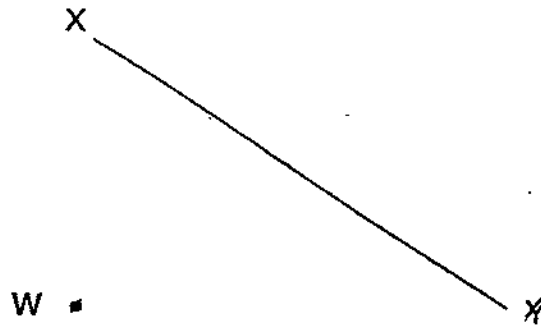| Amount of pocket money	$4	$6	$10	$12	$15
Number of children receiving this amount	8	7	9	4	?

31. How many children received $15 of weekly pocket money?

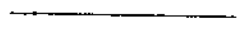32. How many children received less than $10 of weekly pocket money?

33. The amount received by the most number of children is _____.

$ [   ]

34. What is the total amount of pocket money all the children receive weekly?

$ [   ]

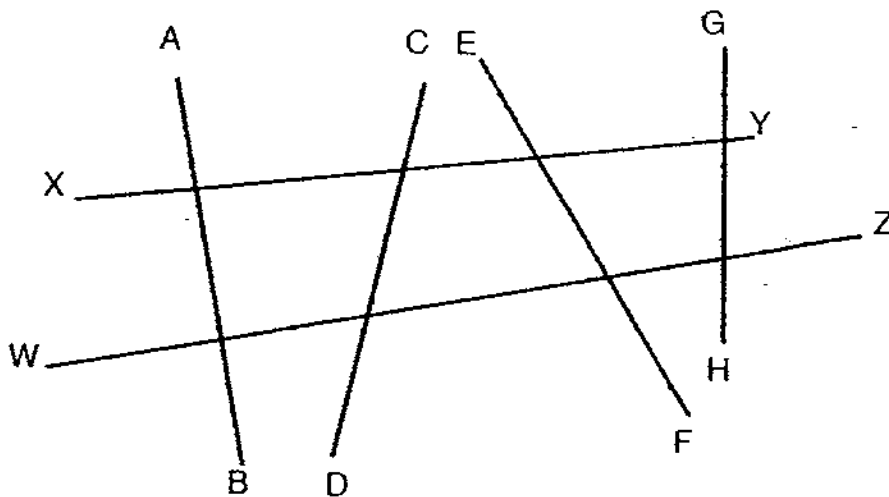35.   Draw a line perpendicular to line XY passing through point W.

X

W ▪

Y

36.   Use a protractor and measure the angle below.
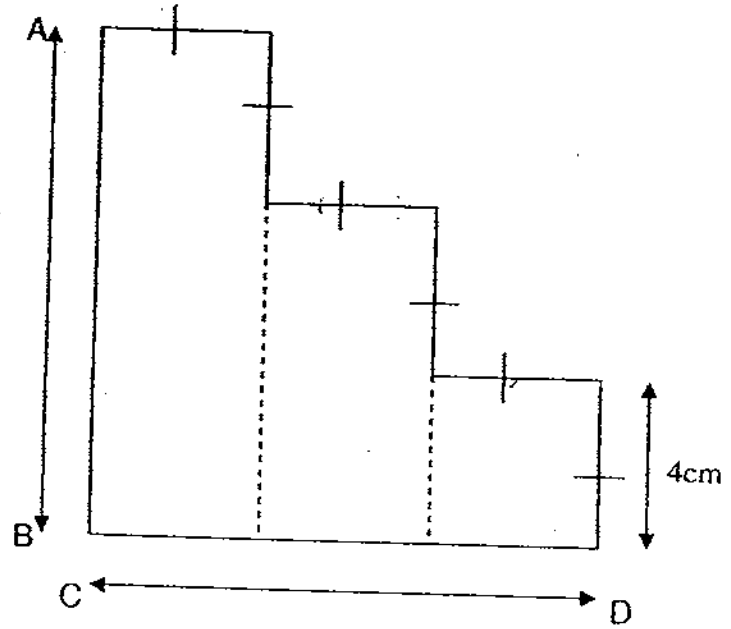
_____

| o |

37.   Which 2 lines are perpendicular to each other?

A   C E   G

Y

X

Z

W

H

F

B   D

| ▲ |

38. How many right angles are there in $1\frac{3}{4}$ turn?

39. The figure below is made up of 2 rectangles and a square. Find the total length of AB and CD. (Figure not drawn to scale)

40. Draw a line to line AB so that $\angle BAC$ is $65°$.

A   B

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.
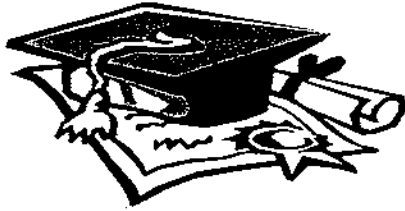
41. Aman, Beng Tin and Carl collected a total of 1 408 stickers. Carl collected 360 stickers. Beng Tin collected 18 more stickers than Aman. How many stickers did Carl and Beng Tin collect altogether?

42. Mr Tan and Mr Wong had the same number of lollipops. Mr Tan sold 106 lollipops while Mr Wong sold 150 lollipops. The number of lollipops Mr Tan had left was thrice the number of lollipops Mr Wong had left. How many lollipops did Mr Tan have at first?

43. 3 similar oven toasters and 4 similar kettles cost $120.
     2 such oven toasters and 1 such kettle cost $95.
     Find the cost of an oven toaster.

44. A farmer had 1290 ducks. He gave his 2 neighbours 120 ducks each. He then sold $\frac{2}{3}$ of the remaining ducks. How many ducks were left on his farm?

Sub - total: (

45. A tank was $\frac{3}{7}$ full of water. When 10 648 m*l* of water was poured in, the tank became completely full. What was the capacity of the tank?
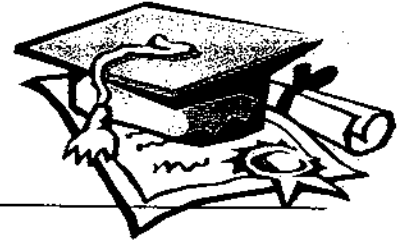
- End of paper -

ANSWER SHEET

EXAM PAPER 2009

SCHOOL : ACS PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA1

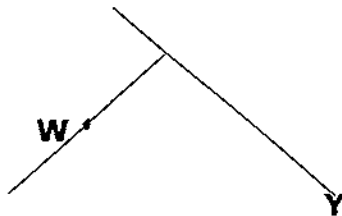| Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
4	3	3	3	4	2	4	4	3	3	3	2	4	2	1	4	2

Q18	Q19	Q20
3	3	4

21)6905   22)23   23)4895   24)40   25)1296   26)7/12, 2/3, ¾
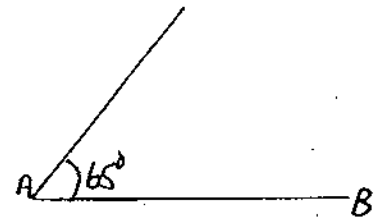
27)11   28)3kg 200g   29)$108   30)4/7   31)3   32)15

33)$10   34)$252   35)X   36)145°   37)WZ⊥AB

38)7   39)24cm   40)

W

Y

A)65° ————B

41)1048+18=1066
    1066÷2=533
    533+360=893
Carl and Beng Tin collected 893 stickers altogether.

42)150-106=44
    44÷2=22
    22x3=66
    106+66=172
Mr Tan had 172 lollipops at first

44)120x2=240
    1290-240=1050
    1050÷3=350
He had 350 ducks left on his farm.

43)$52

45)18L 634ml