Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2008
MATHEMATICS
BOOKLET A
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 __

Date: 24 October 2008 Duration of paper: 1 h 45 min

THIS BOOKLET CONTAINS 5 PAGES.
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.

SECTION A – Multiple-Choice Questions (20 MARKS)

Questions 1 to 10 carry 2 marks each.
For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. 10 thousands, 15 hundreds, 2 tens is the same as _____.

   (1) 10 152
   (2) 10 170
   (3) 11 502
   (4) 11 520

2. When rounded off to the nearest $1000, Mr. Muthu has $66 000. How much money does Mr. Muthu have?

   (1) 65 499
   (2) 65 500
   (3) 66 500
   (4) 66 501

3. $20 \times 5 \times 25 =$ _____.

   (1) 125
   (2) 700
   (3) 2 500
   (4) 20 525

4. The table below shows the time taken for a bus to travel from one point to another point without resting.

Points	Time taken (hr)
A to B	$1\frac{1}{2}$
B to C	$2\frac{1}{6}$

How much longer does it take for the bus to move from Point B to Point C than from Point A to Point B?

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

(2) $1\frac{1}{4}$ hr

(3) $1\frac{2}{3}$ hr

(4) $3\frac{2}{3}$ hr

5. 3 tens + 1 thousandths = _____

(1) 0.31

(2) 0.301

(3) 3.001

(4) 30.001

6. Peter faced southwest after a 225° anticlockwise turn. What direction was he facing before the turn?

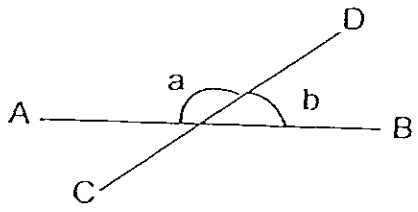
(1) East

(2) North

(3) Northeast

(4) Northwest

7. In the figure below, not drawn to scale, AB and CD are straight lines. If $\angle a$ is twice that of $\angle b$, find $\angle a$.



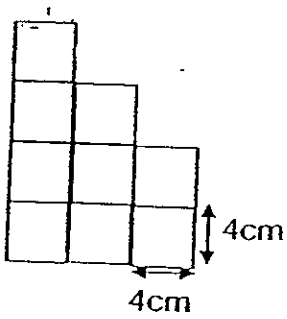
(1) 60°

(2) 75°

(3) 120°

(4) 150°

8. Jane constructed the figure below using toothpicks. Each toothpick is 4cm long.



What is the total length of toothpicks used?

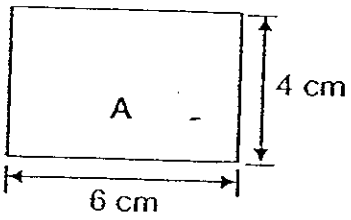
(1) 36 cm

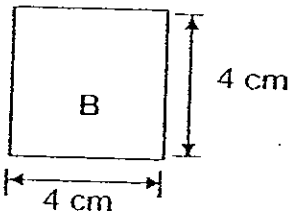
(2) 60 cm

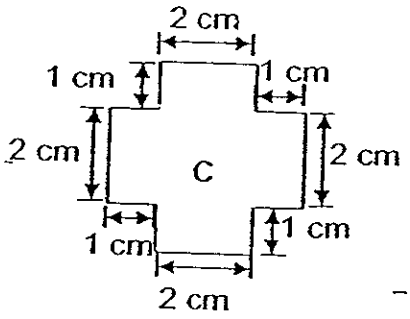
(3) 100 cm

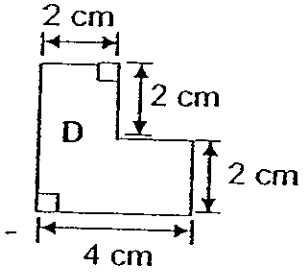
(4) 160 cm

9. The figures shown below are not drawn to scale.
Which of the following two figures have the same area?









(1) A and B

(2) B and C

(3) C and D

(4) D and A

10. Mr. Lim drove from Singapore to Kuala Lumpur at 21 50. He arrived in Kuala Lumpur at 02 55 the next day. How long was the journey?

(1) 4 h 5 min

(2) 4 h 15 min

(3) 5 h 5 min

(4) 5 h 15 min

Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2008
MATHEMATICS
BOOKLET B
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ___

Date: 24 October 2008 Duration of paper: 1 h 45 min

_____
Parent's/Guardian's signature

A. Multiple - Choice Questions	20	
B. Short Answers	40	
C. Problem Sums	40	
Total Marks	100	

THIS BOOKLET CONTAINS 14 PAGES.
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SECTION B - Short Answers (40 MARKS)

Questions 11 to 30 carry 2 marks each. Show all workings clearly.
Write your answer in the space provided. Express your answers in the units stated and in its simplest form whenever possible.

11. Using the digits 3, 5, 8, 6 and 4, form the greatest 5-digit even number.

Answer: _____

12. There is a row of chairs. Tim sits on one of the chairs. There are 7 chairs on his left and 9 chairs on his right. How many chairs are there altogether?

Answer: _____

13. There are 246 Primary Four pupils in a school. There are 60 more girls than boys. How many Primary Four boys are there?

Answer: _____

14. Alex took $1\frac{3}{4}$ h to assemble his model aeroplane. Ben took $\frac{2}{3}$ h to assemble his model aeroplane. How much time did they take altogether to assemble the two aeroplanes? (Express your answer as a fraction in its simplest form)

15. Charles bought some marbles. He gave $\frac{1}{8}$ of them to Dan. If Charles gave 240 marbles to Dan and kept the rest for himself, how many marbles did Charles have at first?

Answer: _____

16. 300 children take part in a competition. There is an equal number of girls and boys. $\frac{1}{3}$ of the boys are ten years old. How many boys are not ten years old?

Answer: _____

17. A stack of 10 fifty-cent coins has a height of 2.6 cm. What is the height of a stack of 3 fifty-cent coins? Round off your answer to 1 decimal place.

Answer: _____ cm

18. Ann bought 2 mangoes and a papaya for $6.50. The papaya cost $0.50 more than a mango. What is the cost of a mango?

Answer: $_____

19. Arrange the following in ascending order.

$\frac{1}{5}$ $\frac{1}{4}$ 0.202 0.212

Answer: _____

20. Box X is 4.5 kg heavier than Box Y.
Box Y is 5.5 kg heavier than Box Z.
If Box Z weighs15.25 kg, what is the mass of Box X?

Answer: _____ kg

21. Complete the number pattern below.

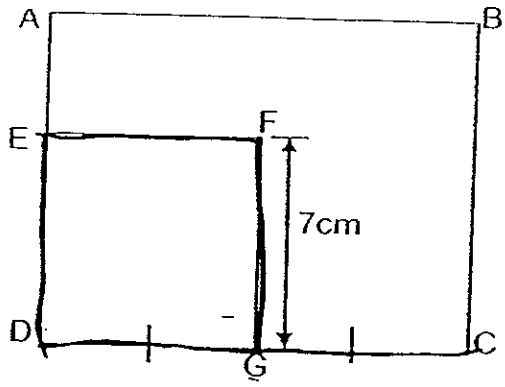
3.14	3.145		3.155	3.16

Answer: _____

22. There are 7 quarters and 14 eighths in a fraction. How many halves are there in the fraction?

Answer: _____

23. The figure below shows a square DEFG in a rectangle ABCD. BC is 4 cm shorter than AB. DG is equal to GC. Find the length of AE.



Answer: _____ cm

24. The table below shows the total scores of 3 subjects obtained by 5 pupils in their mid-year examinations and year-end examinations. Study the table and answer questions 24-25.

	Mike	Mary	Bryan	Ali	Ramu
Mid-year exams	265	258	270	290	228
Year-end exams	230	260	271	259	285

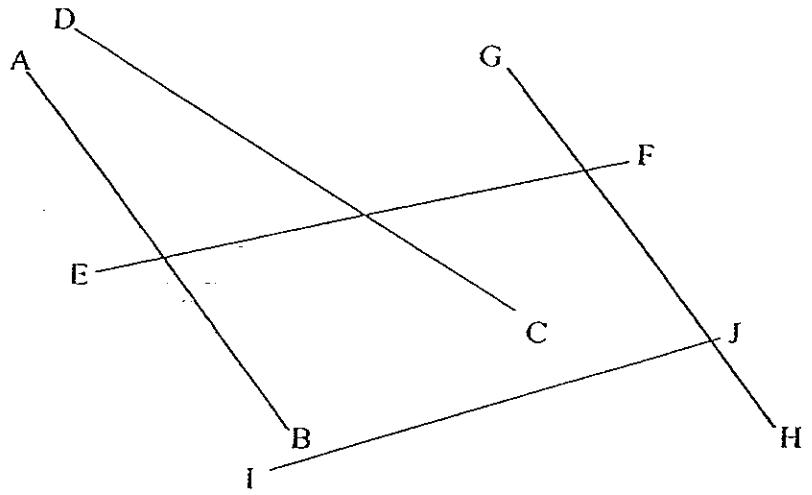
The scores of both exams are added up to give a total score. Who has the highest total score?

Answer: _____

25. Pupils who scored between 260-290 in the year-end examinations were awarded $150 each. What was the total amount of money awarded to the pupils?

Answer: $_____

26. The diagram below is drawn to scale. AB, CD, EF, GH and IJ are straight lines. Name one pair of parallel lines from the figure below.



_____ // _____

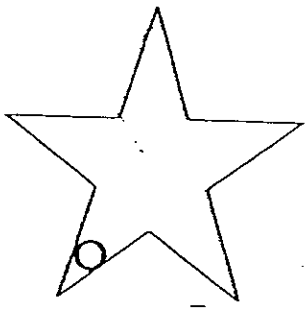
27. A square has an area of 81 cm². Find the perimeter of the square.

Answer: _____ cm

28. An MRT train took 45 minutes to travel from Bishan Station to Woodlands Station. It left Bishan Station at 11.37. What time did the train arrive at Woodlands Station?

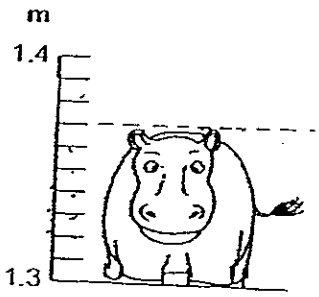
Answer: _____

29. Add two more ○ in the star so that it has a line of symmetry.



Answer: _____

30. How tall is the hippopotamus?



Answer: _____ m

SECTION C - Problem Sums (40 MARKS)

For each question from 31 to 40, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Express your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets [ ].

31. Fitch had three times as many stamps as Gavin. Gavin had two times as many stamps as Ashley. They had 360 stamps altogether. How many stamps did Fitch have?

Answer: _____ [4]

32. Ian has 660 cards. Jack has 470 cards. How many cards must Ian give to Jack so that they will have the same number of cards each?

Answer: _____ [4]

33. Teddy read $\frac{2}{9}$ of a book on Saturday and $\frac{1}{3}$ of the book on Sunday. He read the remaining 48 pages on Monday. How many pages were there in the book?

Answer: _____ [4]

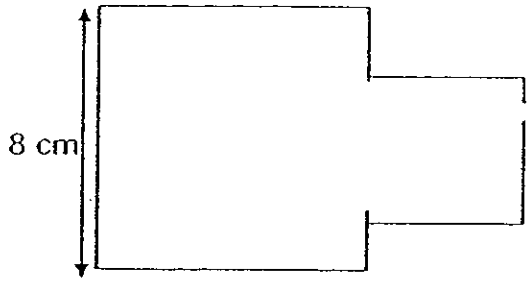
34. The table below shows the parking charges at ABC carpark.

Parking Charges	
Monday – Saturday	$1.50 for the first hour $0.55 for every subsequent 30 min or part thereof
Sunday	$2.10 per entry

Mr. Shahrul parked his car at the carpark on Saturday from 1 p.m. to 4 p.m. and from Sunday 10 a.m. to 2 p.m. How much did he pay altogether?

Answer: _____ [4]

35. The figure below is made up of two squares which are not drawn to scale. The length of the bigger square is twice the length of the smaller square. Find the area of the figure.



Answer: _____ [4]

36. John bought a bag, pair of shoes and a watch for $160 altogether. The bag cost $15 more than the pair of shoes and the watch cost $20 less than the bag. What was the cost of the bag?

Answer: _____ [4]

37. Ramu saw 26 sheep and chickens in a farm. He counted a total of 76 legs. How many sheep were there?

Answer: _____ [4]

38. Shaun and Roger had an equal number of stickers. After Roger gave 36 stickers to Shaun, Shaun had 5 times as many stickers as Roger. How many stickers did Roger have at first?

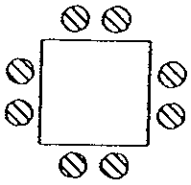
Answer: _____ [4]

39. John bought 2 books, 3 erasers and 4 pencils for $8.70. The cost of 1 book and 2 pencils was $2.10. What was the cost of one eraser?

Answer: _____ [4]

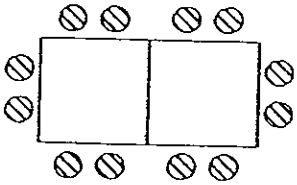
40. Some tables and chairs are arranged as shown below.

Pattern 1



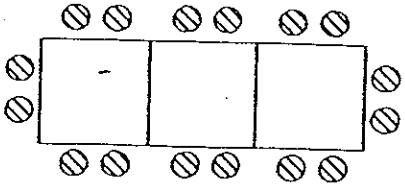
1 table
(8 chairs)

Pattern 2



2 tables
(12 chairs)

Pattern 3



3 tables
(16 chairs)

Study the table below carefully and answer the following questions.

Pattern	1	2	3	4	5	6
Number of tables	1	2	3	4	(i)	6
Number of chairs	8	12	16	20	24	(ii)

a) Complete the table above. [1]

b) How many chairs will there be in Pattern 11? [1]

c) Which pattern will have 192 ~~tables~~ chairs? [2]

Answer: b) _____ [1]

Answer: c) _____ [2]

~ End of Paper ~

ANSWER SHEET

EXAM PAPER 2008

SCHOOL : ACS HIGH PRIMARY SCHOOL
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	3	1	4	1	3	3	3	3

11)86534 12)17 13)93 14)25/12

15)640 16)100 17) 0.80cm 18)$2

19)1/5, 0.202, 0.212, ¼ 20)25.25kg 21)3.15

22)7 23)3cm 24)Ali 25)$450

26)AB//GH 27)36cm 28)1222 29)

30)0.07m 31)240 stamp 32)95cards

33)108 pages 34)$5.80 35)80cm^2 36)$65

37)12 sheep 38)54 stickers 39)$150 40)a)5 , 28
b)48 chairs
c)47