



RED SWASTIKA SCHOOL

RED SWASTIKA SCHOOL

2009 CONTINUAL ASSESSMENT 1

MATHEMATICS

Name : _____ ()

Class : Primary 4 / _____

Date : 3 March 2009

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Questions 1 - 20 are to be done on the OAS provided.
3. Read carefully the instructions given at the beginning of each part of the Booklet.
4. Do not waste time. If a question is difficult for you, go on to the next one.
5. Check your answers thoroughly and make sure you attempt every question.

Questions 1 to 20 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.

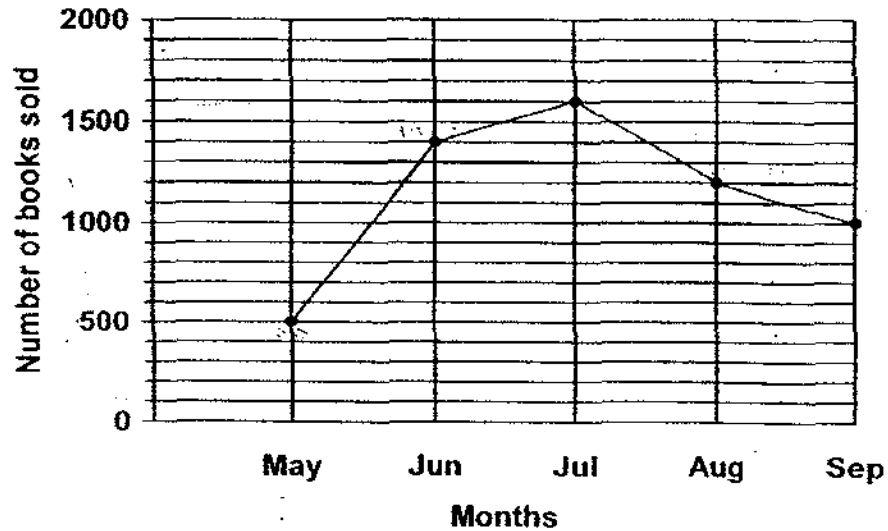
(40 marks)

- 1 Which of the following numbers is the greatest?
- (1) 9 715
 - (2) 9 571
 - (3) 9 751
 - (4) 9 175
- 2 In 48 3⁷9, the digit 7 stands for _____.
- (1) 7 tens
 - (2) 7 hundreds
 - (3) 7 thousands
 - (4) 7 ten thousands
- 3 A common factor of 28 and 42 is _____.
- (1) 7
 - (2) 6
 - (3) 3
 - (4) 4
- 4 The closest estimate for 39×549 is _____.
- (1) 30×500
 - (2) 30×600
 - (3) 40×500
 - (4) 40×600
- 5 The sum of 35 hundreds and 3 265 when rounded off to the nearest hundred is _____.
- (1) 6 700
 - (2) 6 760
 - (3) 6 770
 - (4) 6 800

- 6 Find the product of 40 and 50.
- (1) 20
 - (2) 200
 - (3) 2 000
 - (4) 20 000
- 7 When 76 is subtracted from the product of 325 and 15, the answer is _____.
- (1) 4 799
 - (2) 4 800
 - (3) 4 875
 - (4) 4 951
- 8 I think of a number. When it is divided by 4, I get a quotient of 1 215 and a remainder of 1. What is the number?
- (1) 4 859
 - (2) 4 860
 - (3) 4 861
 - (4) 4 864
- 9 _____ is 10 000 more than (482×69) .
The missing number is _____.
- (1) 23 258
 - (2) 33 258
 - (3) 43 258
 - (4) 53 258
- 10 $5\,121 \div 9 = 500 +$ _____.
- (1) 69
 - (2) 96
 - (3) 196
 - (4) 569
- 11 A computer cost \$1 125 more than a laser printer. Ahmad paid a total of \$13 500 for 5 laser printers and 4 computers. Find the cost of a laser printer.
- (1) \$1 000
 - (2) \$1 375
 - (3) \$1 500
 - (4) \$1 800

The bar graph below shows the number of books sold by the shopkeeper from May to September.

Study the graph carefully and use it to answer questions 12 to 14.



- 12 How many books did the shopkeeper sell in June?
- (1) 1 300
 - (2) 1 400
 - (3) 1 500
 - (4) 1 600
- 13 In which month did the shopkeeper sell the most number of books?
- (1) May
 - (2) June
 - (3) July
 - (4) August
- 14 How many more books were sold in July than May?
- (1) 500
 - (2) 1 100
 - (3) 1 600
 - (4) 2 100

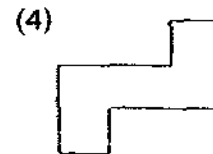
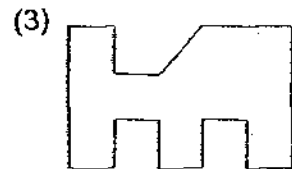
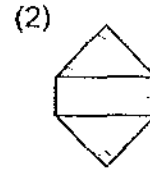
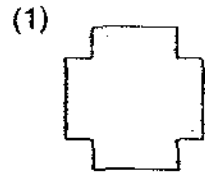
The table below shows the number of pupils who took part in the four CCAs in school.

Use the data in the table to answer questions 15 and 16.

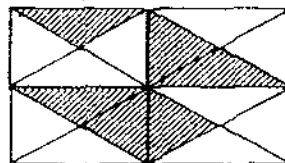
| | Boys | Girls |
|---------------------|------|-------|
| Bowling | 12 | 18 |
| Table Tennis | 16 | 12 |
| Swimming | 27 | 26 |
| Badminton | 18 | 32 |

- 15 Which CCA has the least number of pupils?
- (1) Bowling
 - (2) Table Tennis
 - (3) Swimming
 - (4) Badminton
- 16 What is the difference between the total number of boys and girls for all the four CCAs?
- (1) 12
 - (2) 13
 - (3) 14
 - (4) 15
- 17 The capacity of a tank is 6 000 *ml*. 2 857 *ml* of water is poured into it. How much **more** water is needed to fill up the tank to its brim?
- (1) 3 143 *ml*
 - (2) 3 153 *ml*
 - (3) 3 243 *ml*
 - (4) 3 253 *ml*

18 Which of the following figures has the most number of right angles inside it?



19 What fraction of the figure is **not** shaded?



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

20 The sum of $\frac{1}{3}$ and $\frac{4}{9}$ is _____.

- (1) $\frac{5}{9}$
- (2) $\frac{5}{12}$
- (3) $\frac{7}{9}$
- (4) $\frac{9}{12}$



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MATHEMATICS

Name : _____ ()

Class : Primary 4 / _____

Date : 3 March 2009

BOOKLET B

25 Questions

60 Marks

MARKS

| | OBTAINED | POSSIBLE |
|-----------|----------|----------|
| BOOKLET A | | 40 |
| BOOKLET B | | 60 |
| TOTAL | | 100 |

Parent's Signature : _____

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

21 Write seventy-one thousand and eleven in numerals.

Ans : _____

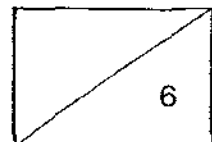
22 Complete the number pattern.

30 048, _____, 24 048, 21 048, 18 048

Ans : _____

23 I am a 2-digit number which is less than 30. I am also a common multiple of both 6 and 8. What am I?

Ans : _____



24 What is the sum of all the common factors of 24 and 36?

Ans : _____

25 Using the digits 9, 2, 3, 7, 1, form the greatest possible 5-digit even number that is smaller than 40 000.

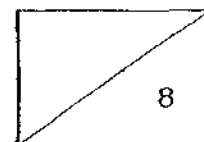
Ans : _____

26 What is the quotient when 6 699 is divided by 6?

Ans : _____

27 What is the sum of 3 ten thousands, 16 hundreds and 24 tens?
30 000

Ans : _____



- 28 If $359 \times 12 = 4\,308$, then $359 \times 11 = 4\,308 - \square$.
What is the number in the box?

Ans : _____

- 29 Mr Lim is thrice as old as his son. In 6 years' time, their total age will be 60 years. How old is Mr Lim's son now?

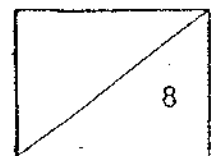
Ans : _____ years

- 30 Uncle James bought 44 computer games at \$58 each. He also bought 3 computers for \$6 999. How much did he spend altogether?

Ans : _____

- 31 Ivan thinks of a number. He doubles it and adds 10 to it. Then he divides the sum by 5. The result is 14. What is the number he is thinking of?

Ans : _____



The table below shows the number of 50-cent and 20-cent coins four children have in their piggy banks.

Use the data in the table to answer questions 32 to 34.

| Child | 50-cent coins | | 20-cent coins | |
|-------|---------------|--------|---------------|--------|
| | Number | Amount | Number | Amount |
| Sue | 8 | \$4 | 8 | \$1.60 |
| Amy | 4 | \$2 | 12 | \$2.40 |
| Kim | 6 | \$3 | 7 | \$1.40 |
| Lina | 5 | \$2.50 | 6 | \$1.20 |

32 How much money does Sue have in her piggy bank?

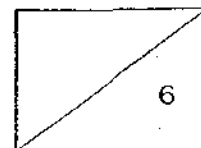
Ans : \$ _____

33 Which two children have the same amount of money?

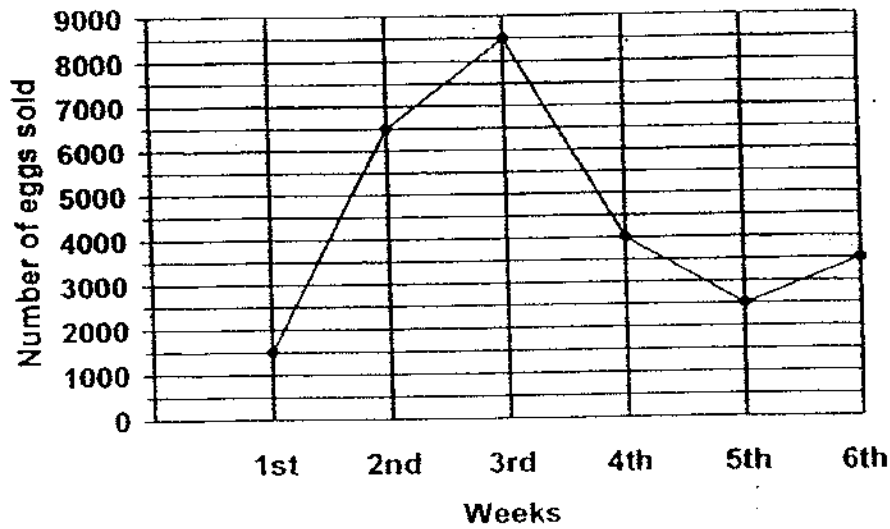
Ans : _____ and _____

34 Between Amy or Lina, who has more in her piggy bank?

Ans : _____



The following graph shows the number of eggs sold at a supermarket during the first 6 weeks in 2009. Study the graph carefully and use it to answer questions 35 to 36.

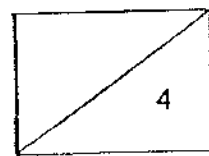


- 35 What is the difference between the second highest and the second lowest number of eggs sold?

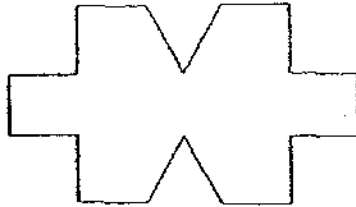
Ans : _____

- 36 At the supermarket, eggs were sold at 10 for \$2. What is the total amount of money collected by the end of the 1st week?

Ans : _____



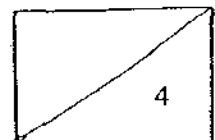
- 37 In the figure below, how many angles inside the figure are greater than a right angle?



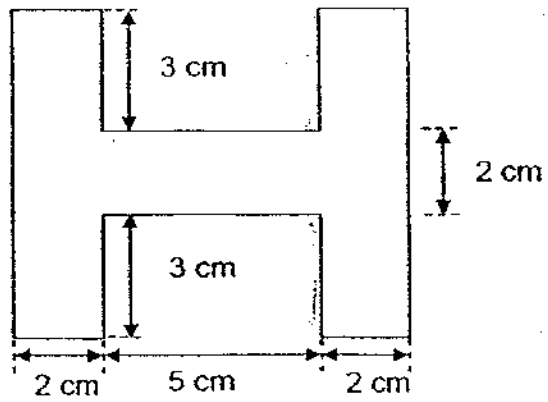
Ans : _____

- 38 In a box of marbles, $\frac{1}{8}$ of them are red, $\frac{1}{4}$ of them are green, $\frac{1}{2}$ of them are yellow and the rest are blue. What fraction of the marbles is blue?

Ans _____

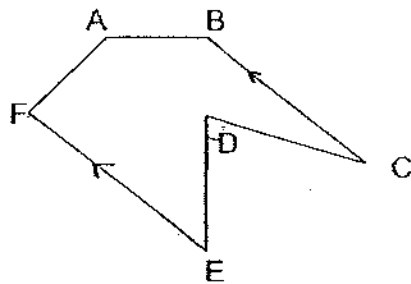


39 What is the perimeter of the figure shown below?

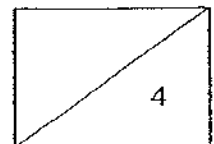


Ans : _____ cm

40 Name a pair of parallel lines in the figure below.

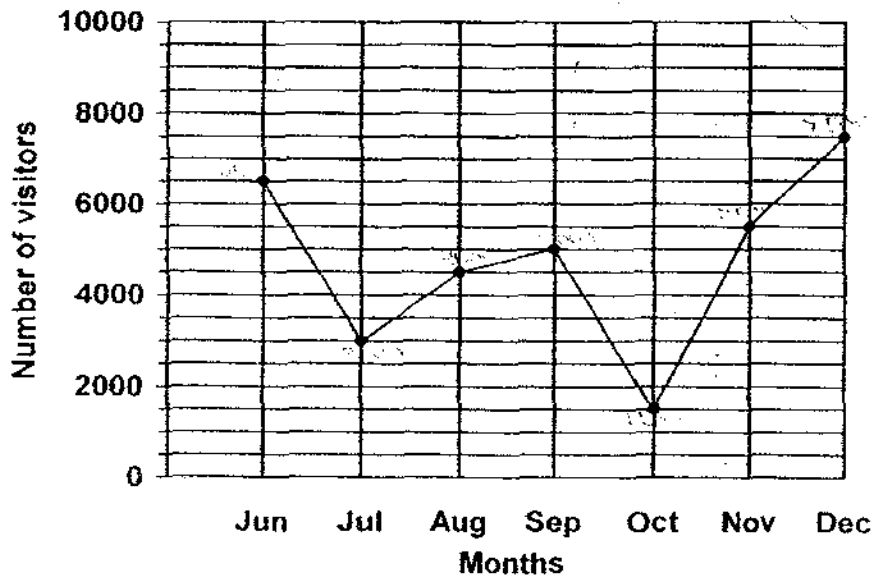


Ans : _____ // _____



Questions 41 to 45 carry 4 marks each, show your working clearly in the space below each question and write your answers in the spaces provided.
(20 marks)

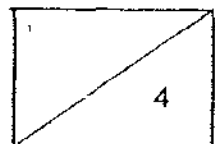
- 41 The line graph below shows the number of visitors to the Science Centre from June to December in 2008.



- (a) What is the total number of visitors who visited the Science Centre in the last 3 months?
- (b) What is the difference between the number of visitors in June and August?

Ans: (a) _____ [2]

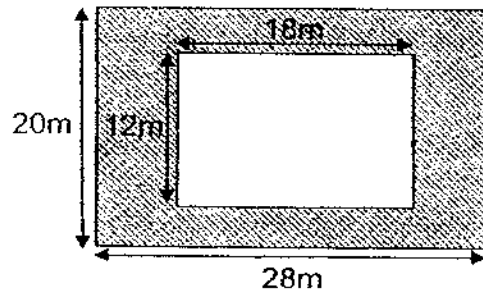
(b) _____ [2]



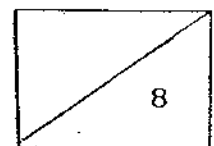
- 42 Karen had \$1 046 more than Sherry. After their boss gave each of them \$175, both of them had \$4 000 altogether. How much did Karen have at first?

Ans: _____ [4]

- 43 Mr Long bought a rectangular plot of land 28 m long and 20 m wide. He built a swimming pool 18 m long by 12 m wide on that plot of land. What was the area of the land that was not covered by the swimming pool?



Ans: _____ [4]



- 44 Jane and Kate shared 162 marbles. When Jane received another 30 marbles from her mother and Kate lost half of her share, both had the same number of marbles. How many marbles did Jane have at first?

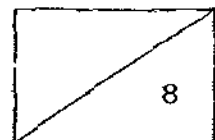
Ans: _____ [4]

- 45 Mr Bala had 2 planks, one 40 cm and the other 56 cm. He wanted to cut them into smaller pieces of equal length, without any remainder.
- (a) What is the longest possible length he should cut?
- (b) How many small pieces of plank will he get?

Ans: (a) [2]

(b) [2]

END OF PAPER



ANSWER SHEET

EXAM PAPER 2009

SCHOOL : RED SWASTIKA PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : CA1

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

| | | |
|-----|-----|-----|
| Q18 | Q19 | Q20 |
| 3 | 4 | 3 |

21)71011 22)27048 23)24 24)28 25)39712 26)1116

27)31840 28)359 29)12 30)\$9551 31)30 32)\$5.60

33)Kim and Amy 34)Amy 35)4000 36)\$300 37)10 38)1/8

39)46cm 40)FE//BC 41)a)14500 b)2000 42)\$2348 43)344m²

44)34 45)a)8cm b)12