

Catholic High School
Mid-Year Examination 2008
Mathematics
Primary 3

Name : _____ ()

Class: Primary 3 _____

Date: 6th May 2008

Duration: 1 h 45 min

Section A	- 40
Section B	40
Section C	20
Total Marks	100

Parent's Signature: _____

There are 3 sections consisting of 13 pages in this paper.

Section A: Multiple-Choice Questions (MCQ) 20 x 2 marks

Section B: Open-Ended Questions 20 x 2 marks

Section C: Story Sums 5 x 4 marks

SECTION A: Multiple-Choice Questions (20 x 2 marks)

For each of the question from 1 to 20, 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. What is the value of the digit 8 in 8492?
 - (1) 8 ones
 - (2) 8 tens
 - (3) 8 hundreds
 - (4) 8 thousands

2. How many hundreds are there in 3652?
 - (1) 6
 - (2) 36
 - (3) 600
 - (4) 652

3. Subtract 486 from the sum of 2718 and 509. What is the answer?
 - (1) 995
 - (2) 2741
 - (3) 3227
 - (4) 3713

4. In $1947 - \underline{\quad} = 785$, what is the missing number?
 - (1) 1162
 - (2) 1262
 - (3) 1242
 - (4) 2732

5. Find the difference between 8000 and 1683.
 - (1) 5427
 - (2) 6317
 - (3) 7683
 - (4) 9683

6. Tom has \$3.60 in 20-cent coins. How many 20-cent coins does he have?

- (1) 18
- (2) 20
- (3) 36
- (4) 72

7. Find the product of 138 and 2.

- (1) 69
- (2) 140
- (3) 266
- (4) 276

8. What is the quotient when 923 is divided by 4?

- (1) 23
- (2) 230
- (3) 3
- (4) 233

9. + 734 + 830 = 5900 - 666?

- (1) 1564
- (2) 3670
- (3) 5234
- (4) 6798

10. Mrs Tham wants to pack 387 lollipops into bags. Each bag can contain 6 lollipops. How many bags will she need to pack all the lollipops?

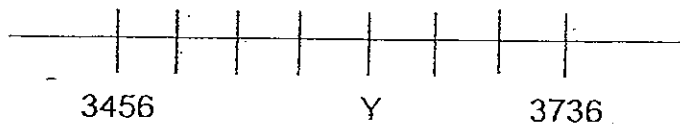
- (1) 63
- (2) 64
- (3) 3
- (4) 65

11. Sam had 160 cookies. He ate 12 of them and gave 6 to each of his three friends. How many cookies did he have left?
- (1) 130
 - (2) 142
 - (3) 178
 - (4) 190
12. John had 4 two-dollar notes and 5 twenty-cent coins. He spent \$3.00. How much did he have left?
- (1) \$7.00
 - (2) \$6.00
 - (3) \$5.00
 - (4) \$4.00
13. Mrs Lim has 72 stamps. Mr Ng has 6 times as many stamps as Mrs Lim. How many stamps do they have altogether?
- (1) 12
 - (2) 78
 - (3) 432
 - (4) 504
14. If two metal balls have the same mass as 16 wooden balls, then 16 metal balls have the same mass as _____ wooden balls.
- (1) 8
 - (2) 18
 - (3) 32
 - (4) 128

15. When a number is divided by 7, the quotient is 37 and the remainder is 6. What is the number?

- (1) 222
- (2) 259
- (3) 253
- (4) 265

16. Study the marking line below. The markings are equally spaced out, what is the number Y?



- (1) 3460
- (2) 3496
- (3) 3616
- (4) 3636

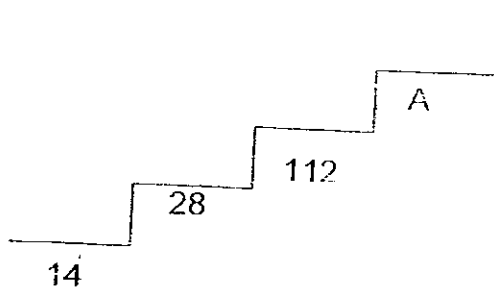
17. Alice had 30 books and Ray had 12 books. After Alice gave Ray some books, Alice had 10 books more than Ray. How many books did Alice give to Ray?

- (1) 42
- (2) 18
- (3) 8
- (4) 4

18. There were 26 more children in Group A than in Group B. 8 children were transferred from Group A to Group B. How many more children are there in Group A than in Group B now?

- (1) 8
- (2) 10
- (3) 18
- (4) 34

19. What is the value of A?



- (1) 224
- (2) 672
- (3) 1008
- (4) 1120

20. The sum of three numbers is 980. The first number is twice the second number. The third number is half the second number. What is the smallest number?

- (1) 104
- (2) 140
- (3) 196
- (4) 245

SECTION B: Open-ended Questions (20 x 2 marks)

Write the correct answers in the answer boxes provided.

21. Write 7 thousands, 23 hundreds and 48 tens in numeral.

22. _____ is 2654 more than 3797.

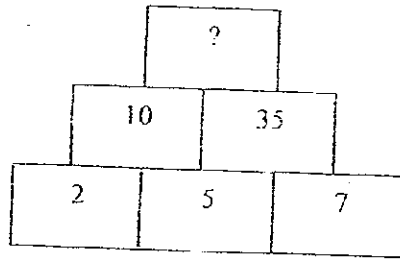
23. In $8 \times 5 = \text{_____} + 8$, what is the missing number?

24. The difference between two numbers is 832. If the bigger number is 5000, the smaller number is _____.

25. \$832 is shared equally among 4 children. How much does each boy get?

26. Multiply 167 by 8. The answer is _____.

27. The missing number is _____.



28. There are 259 pages in a story book. Alan reads 7 pages every day. In how many days will he finish reading the book?

29. Use the following digits to form a 3-digit number.

5, 1, 2

Use each digit only once. How many 3-digit numbers can you make? List them below:

30. John has 140 marbles more than Philip. John has 368 marbles.
How many marbles do the boys have altogether?

marbles

31. Subtract a number from the sum of 278 and 915. The result is 63.
Find the number.

32. There are 320 books on 3 shelves. On the first shelf, there are 50 books. There are 30 more books on the second shelf than on the first. How many books are there on the third shelf?

books

33. Mr Chan earns \$380 more than Mr Tan. If Mr Chan earns \$3690,
how much does Mr Tan earn?

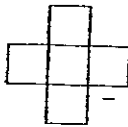
\$

34. Kathy has 18 hair clips. Jane has 3 times as many hair clips as Kathy. Cindy has twice as many hair clips as Jane. How many hair clips does Cindy have?

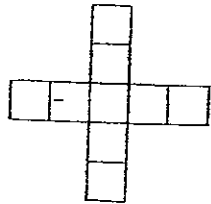
hair clips

35. Find the total number of square tiles in pattern 5?

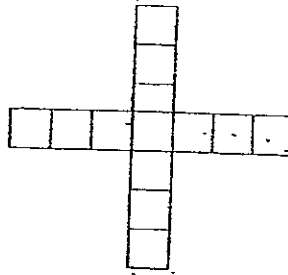
Pattern 1



Pattern 2



Pattern 3



Pattern 5

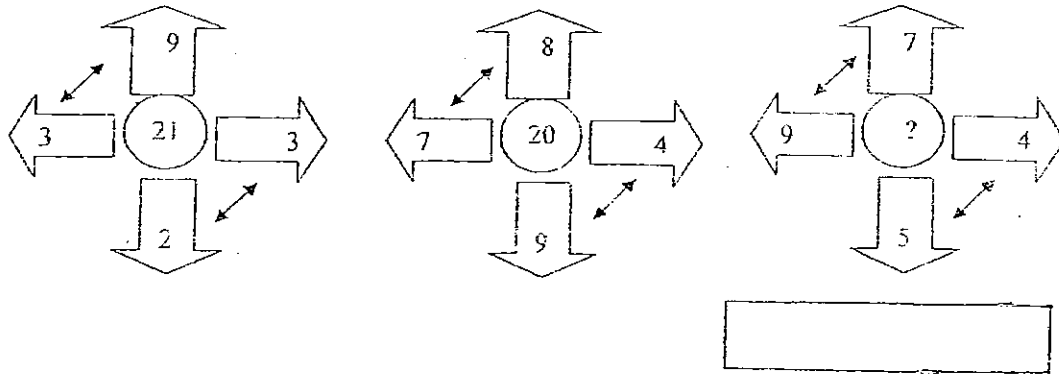
?

squares

36. Joseph's dog was missing. He got into a lift to look for his dog in his block. He went up 6 floors, then down 3 floors and went 7 floors up again. He finally found his dog on the 13th floor. On which floor did he get into the lift?

floor

37. Study the pattern carefully. What is the missing number?



38. Peter has a total of \$195, consisting of an equal number of \$50, \$10 and \$5 notes. How many notes does he have?

notes

39. Mr. Tan bought a packet of postcards. He wanted to give an equal number of postcards to each of his 9 students. However, 1 student was absent and each of the remaining 8 students was given an additional of 3 postcards. How many postcards were there in the packet?

postcards

40. Mr Ang has less than 50 tiles. If he packs them into packets of 4, he will have 3 tiles remaining. If he packs them into packets of 5, he will have 4 tiles remaining. How many tiles did he have?

tiles

SECTION C: Story Sums (5 x 4 marks)

**Solve the following story sums. All workings must be shown clearly.
Draw models if necessary.**

41. There were 347 adults at a concert.
There were 256 more children at the concert than adults. How
many people were at the concert?

_____ people were at the concert.

42. There are 1258 jellybeans in Container A. There are 379 more
jellybeans in Container A than in Container B. How many
jellybeans are there in Container B?

There are _____ jellybeans in container B.

43. David, Kendrick and Jeremiah have \$780 altogether. David has \$40 more than Kendrick. Kendrick has twice as much money as Jeremiah. How much money does Jeremiah have?

Jeremiah has _____

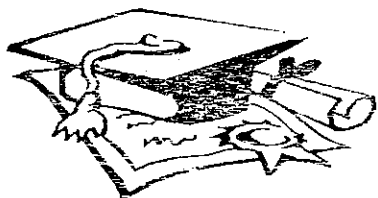
44. Joyce has 4 times as many ^{toys} ~~dolls~~ as Carol. After Carol buys another 18 toys, Joyce has twice as many toys as Carol. How many toys do the two girls have?

The two girls have _____ toys.

45. Gary and Mike had 228 cards altogether. After Gary gave 30 cards to Mike, Gary had 3 times as many cards as Mike. How many cards did Gary have at first?

Gary had _____ cards at first.

END OF PAPER
☺ *Please check your work.* ☺



ANSWER SHEET

EXAM PAPER 2008

SCHOOL : CATHOLIC HIGH PRIMARY SCHOOL
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 1

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

Q18	Q19	Q20
2	2	2

21)9780 22)6451 23)32 24)4168 25)\$208

26)1336 27)350 28)37 days 29)125,152,215,512,521

30)596marbles 31)1130 32)190 books

33)\$3310 34)108 hair clips

35)21 squares 36)3rd floor 37)43

38)9 notes 39)216 postcards 40)39 tiles

41)adults 256

children

$$347 + 256 = 603$$

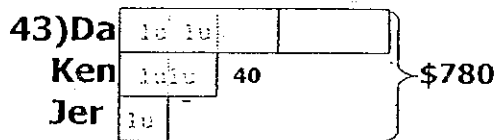
$$347 + 603 = 950$$

950 people were at the concert.



$1258 - 379 = 879$

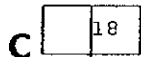
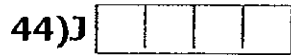
There are 879 jellybeans in container B.



$5 \text{ units} \rightarrow 780 - 40 = 740$

$1 \text{ unit} \rightarrow 740 \div 5 = 148$

Jeremiah has \$148



$18 \times 6 = 108$

The two girls have 108 toys.

45) $1 \text{ unit} \rightarrow 228 \div 4 = 57$

$3 \text{ units} \rightarrow 3 \times 57 = 171$

$171 + 30 = 201$

Gary had 201 cards at first.