CATHOLIC HIGH SCHOOL
MID-YEAR EXAMINATION 2011
MATHEMATICS
PRIMARY 3

Name :_____( )

Class: Primary 3 _____

Date: 10 May 2011

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 14 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 3869?

   (1) 8
   (2) 80
   (3) 800
   (4) 8000 ( )

2. The sum of 4356 and 618 is _____ .

   (1) 3738
   (2) 4344
   (3) 4964
   (4) 4974 ( )

3. 926 – 54 = _____

   (1) 386
   (2) 426
   (3) 872
   (4) 932 ( )

4. 12 groups of 3 = 2 x 3 x _____.

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

5. How many tens are there in 6459?

   (1) 5
   (2) 59
   (3) 459
   (4) 645 ( )

6. Multiply 46 tens by 4. The answer is _____.

(1) 164
(2) 184
(3) 1640
(4) 1840 ( )

7. Mr Tan has 2000 mangoes. 124 mangoes are rotten. How many mangoes are not rotten?

(1) 1240
(2) 1876
(3) 2124
(4) 2876 ( )

8. James has 56 cards. If he were to put them equally into 8 envelopes, how many cards are there in each envelope?

(1) 7
(2) 48
(3) 64
(4) 448 ( )

9. Alan has 9 times as many stamps as Brandon. If Brandon has 213 stamps, how many stamps does Alan have?

(1) 1197
(2) 1917
(3) 1887
(4) 2787 ( )

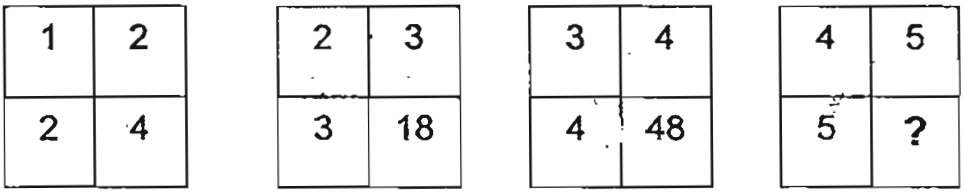
10. Paul had 6 two-dollar notes. He spent $4.
How much had he left?

(1) $3
(2) $8
(3) $10
(4) $12 ( )

11. Henry has 847 stickers. His brother has 26 stickers more than him. How many stickers do they have altogether?

(1) 821
(2) 873
(3) 1694
(4) 1720 ( )

12. What is the missing number?



(1) 14
(2) 40
(3) 45
(4) 100 ( )

13. Which of the following number is divisible by 3?

(1) 319
(2) 329
(3) 339
(4) 349 ( )

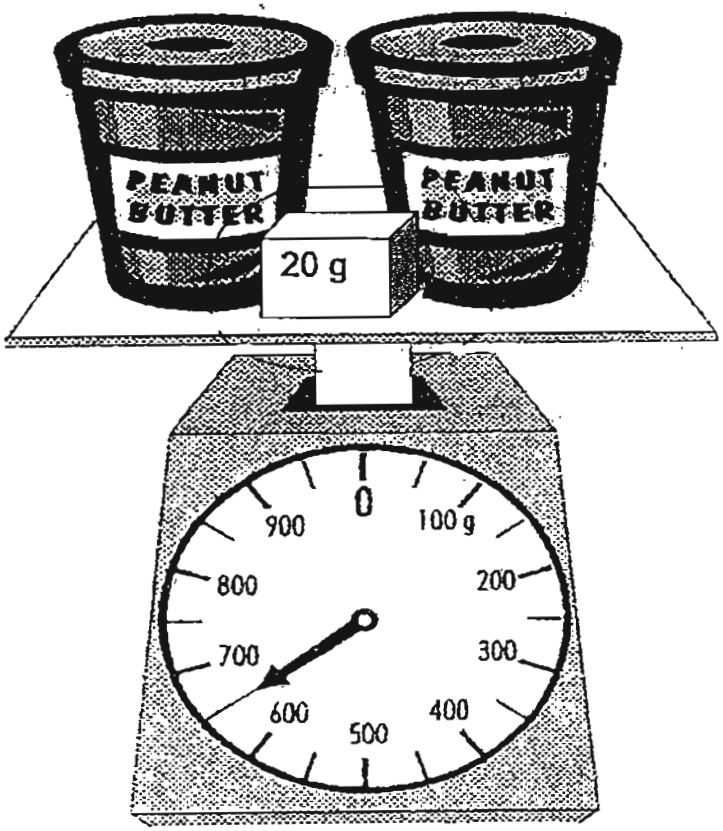
14. The sum of three numbers is 168. The first number is half the second number. The third number is thrice the first number. What is the first number?

(1) 28
(2) 42
(3) 56
(4) 84 ( )

15. 4400 is _____ less than 8500.

(1) 41
(2) 400
(3) 410
(4) 4100 ( )

16. Look at the picture below.



Given that the mass of both jars of peanut butter is the same, find the mass of 1 jar of peanut butter.

(1) 305 g
(2) 315 g
(3) 630 g
(4) 650 g ( )

17. The sum of 2 numbers is 1900. The first number is 1121. What is the difference between the 2 numbers?

(1) 342
(2) 779
(3) 1658
(4) 3021 ( )

18. Adam took 2 hours to watch his favourite television show. He took another 30 minutes for dinner. Adam started watching the show at 5.30 p.m. At what time did he finish his dinner?

(1) 7.00 p.m.
(2) 7.30 p.m.
(3) 8.00 p.m.
(4) 8.30 p.m. ( )

19. Han Yang has 54 beads. Joshua has 6 times as many beads as Han Yang. How many beads does Joshua have ?

(1) 9
(2) 60
(3) 324
(4) 378 ( )

20. Subtract the smallest 3-digit odd number from the greatest 3-digit even number. What is the answer?

(1) 787
(2) 799
(3) 887
(4) 897 ( )

SECTION B: Open-ended Questions (20 x 2 marks)
Write the correct answers in the answer boxes provided. Show your working.

21. Write four thousand, two hundred and five in figures.

Ans: [ ]

22. 1700 + 5800 = _____.

Ans: [ ]

23. Subtract 2396 from 4003.

Ans: [ ]

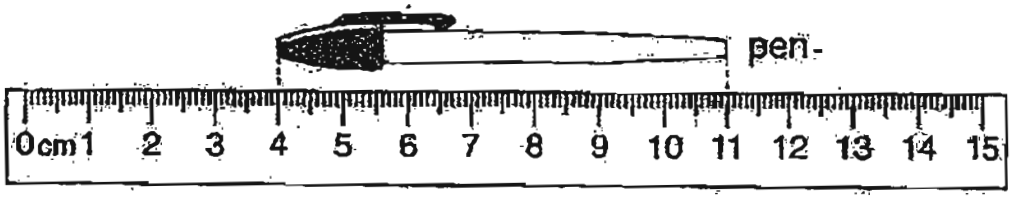
24. Find the product of 256 and 8.

Ans: [ ]

25. 866 more than 2466 is _____ .

Ans: [ ]

26. What is the length of the pen?



Ans: _____ cm

27. Mrs Quek was given 99 marbles.
She placed 8 marbles in each bag and has 3 marbles left.
How many bags of marbles were there?

Ans: _____

28. ☾ + ☺ = 120

☾ − ☺ = 48

Find the value of ☾

Ans: _____

29. Form the smallest even number with the following digits:

4, 0, 5, 7

Ans: _____

30. Arrange the numbers in order. Begin with the greatest number.

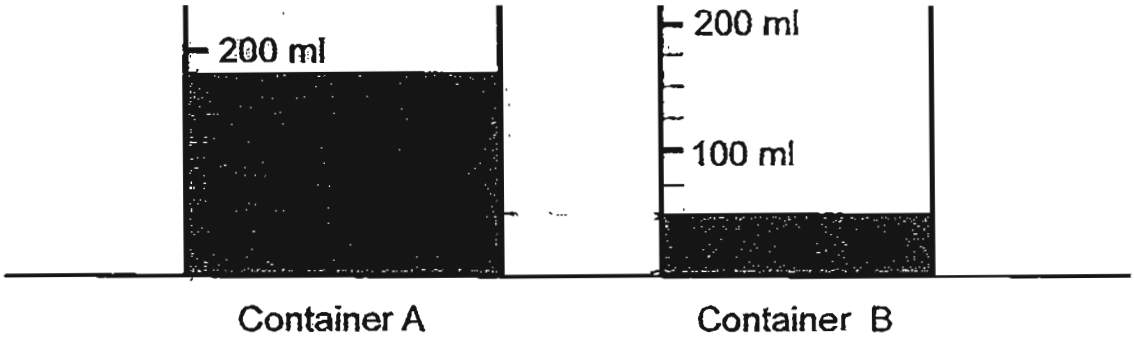
9308, 9803, 9380, 9083

Ans : _____ , _____ , _____ , _____

31. This number is divisible by 6 and 8.
If this number lies between 60 and 80, what is this number?

Ans: _____

32.



Container A and B contains different amount of water. How much less water is there in Container B than Container A?

Ans: _____ ml

33. Bernice has 124 pens to be shared equally among 7 friends. She needs to buy some more pens, so that all her friends receive an equal number of pens. What is the minimum number of pens she needs to buy?

Ans: ____

34. Jiaming and Tess shared some sweets equally. After Jiaming gave 10 sweets to Tess, Tess had 64 sweets. How many sweets does Jiaming have now?

Ans: ____

35. Fanny baked 56 more muffins than tarts. After selling 157 tarts, she had 12 tarts left. How many muffins did she bake?

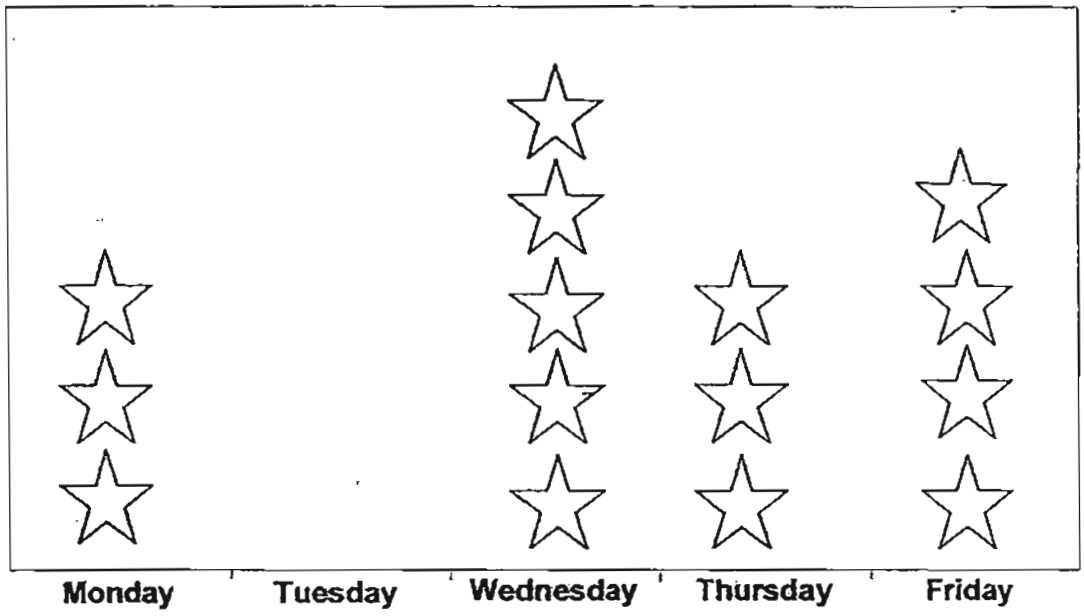
Ans: ____

36. Amanda has some sweets. If she shares the sweets equally among 8 children, each child will receive 17 sweets and she will have 5 sweets left. How many sweets does Amanda have?

Ans: ____

The graph below shows the number of books read at the library. Use it to answer questions 37 and 38.

Number of books read at the library



Each ☆ stands for 9 books.

37. How many books were read on Friday?

Ans: _____

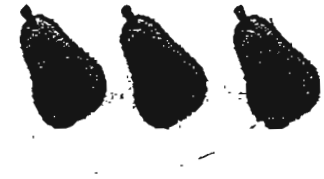
38. If 162 books were read from Monday to Friday, how many books were read on Tuesday?

Ans: _____

39. Alan weighs 48 kg. Samuel is 7 kg heavier than Alan. Taz is 5 kg lighter than Samuel. Find Taz's weight.

Ans: _____ kg

40. James bought 6 pears and 20 apples. How much did he pay?



3 for $2

4 for $3

Ans: _____

SECTION C: Story Sums (5 x 4 marks)

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

41. John has 1640 marbles. After giving away 940 marbles, he packed the rest of the marbles equally into 5 bags. Find the number of marbles in each bag.

Ans: _____

42. Stall A has 63 spoons. Stall B has 13 spoons more than Stall A. Stall C has thrice as many spoons as Stall B. How many spoons does Stall C have?

Ans: _____

43. The total number of erasers shared by three friends, Jane, Dyan and Samantha is 134. Jane has 15 fewer erasers than Dyan while Dyan has 8 fewer erasers than Samantha. Find the number of erasers Samantha has.

Ans: _____

44. Ben had twice as many books as Eve. If Ben gave Eve 20 books, Ben will have 10 more books than Eve. How many books do they have altogether?

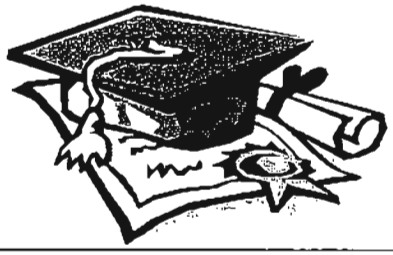
Ans: _____

45. Bao Ming wants to buy 6 shirts but he is short of $7. If he buys 5 shirts, he will have $11 left. How much money does Bao Ming have?

Ans: _____

END OF PAPER

☺ ***Please check your work.*** ☺

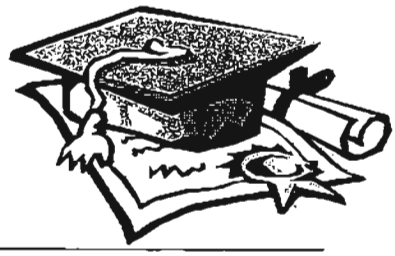


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : CATHOLIC HIGH
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1



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

Q18	Q19	Q20
3	3	4

21)4205 **22)7500** **23)1607** **24)2048** **25)3332**

26)7cm **27)12** **28)84** **29)4507**

30)9803,9380.9308,9083 **31)72** **32)130ml** **33)2**

34)44 **35)225** **36)141** **37)36** **38)27**

39)50kg **40)$19**

41)1640 − 440 = 700
700 ÷ 5 = 140

42)63 + 13 = 76
76 x 3 = 228

43)15 + 8 = 23
134 − 23 = 111
111 − 15 = 96
96 ÷ 3 = 32
32 + 23 = 55

44)1u → 20 + 10 + 20 = 50
50 x 3 = 150

45)11 + 7 = 18
1 shirt = $18
Bao Ming = $18 x 5 + 11 = $101