CATHOLIC HIGH SCHOOL

PRIMARY THREE

MID - YEAR EXAMINATION 2012

MATHEMATICS

Name :_____( )

Class: Primary 3 _____

Date: 11 May 2012

Duration: 1 h 45 min

Parent's Signature:_____

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

There are 3 sections consisting of **14 pages** in this paper.

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

Section B: Short-Answer Questions 20 x 2 marks

Section C: Long-Answer Questions 5 x 4 marks

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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 does the digit 6 in 6729 stand for?

   (1) 60 ones
   (2) 60 tens
   (3) 60 hundreds
   (4) 60 thousands ( )

2. Divide 486 by 9.

   (1) 44
   (2) 45
   (3) 53
   (4) 54 ( )

3. 8918 – _____ = 2972

   (1) 5936
   (2) 5946
   (3) 6046
   (4) 6066 ( )

4. Find the sum of 6527 and 1497.

   (1) 7914
   (2) 8024
   (3) 8034
   (4) 9024 ( )

5. Multiply 47 tens by 7. The answer is _____.

   (1) 289
   (2) 329
   (3) 2890
   (4) 3290 ( )

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6. Find the sum of 28 hundreds and 4105.

(1) 4133
(2) 4385
(3) 6905
(4) 6915 ( )

7. 822 oranges are put equally into 6 baskets. How many oranges are there in each basket?

(1) 37
(2) 130
(3) 137
(4) 157 ( )

8. 14 hundreds 47 tens is 847 less than _____.

(1) 908
(2) 1023
(3) 2294
(4) 2717 ( )

9. Samantha had 4293 ribbons. Lynette had 1482 ribbons more than Samantha. How many ribbons did Lynette have?

(1) 3211
(2) 5675
(3) 5775
(4) 7257 ( )

10. Jack woke up at 6.00 a.m. He left the home half an hour later. What time did he leave his house?

(1) 5 o'clock
(2) Half past 5
(3) Half past 6
(4) 7 o'clock ( )

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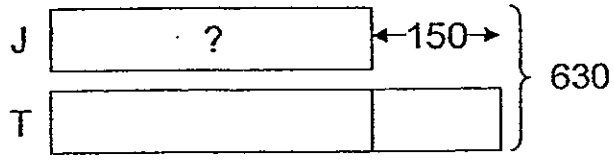
11. _____ × 8 = 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 8

(1) 28
(2) 24
(3) 9
(4) 5 ( )

12. The difference between two numbers is 2498. The bigger number is 6327. What is the smaller number?

(1) 3829
(2) 3831
(3) 4171
(4) 8895 ( )

13. John and Thomas had 630 stamps. How many stamps did John have if Thomas had 150 stamps more than him?



(1) 240
(2) 390
(3) 480
(4) 520 ( )

14. There were 2845 adults in the IT show. How many children were there if there were 597 fewer children than adults?

(1) 2248
(2) 2352
(3) 3432
(4) 3442 ( )

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15.



Ice-cream cone
$1



Hotdog bun
$2

Mary wants to buy a hotdog bun and two ice-cream cones. How much change will she receive if she gives the cashier a fifty-dollar note?

(1) $4
(2) $12
(3) $46
(4) $47 ( )

16. What is the difference between the **largest** 4-digit number and 5829?

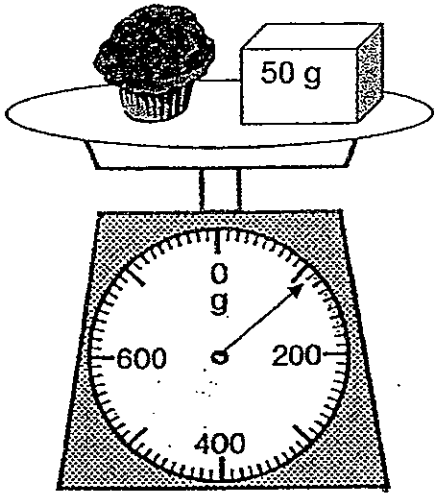
(1) 3171
(2) 4160
(3) 4170
(4) 4171 ( )

17. Ben has thrice as much money as Amy. How much money does Amy have if they have a total of $156?

(1) $52
(2) $50
(3) $44
(4) $39 ( )

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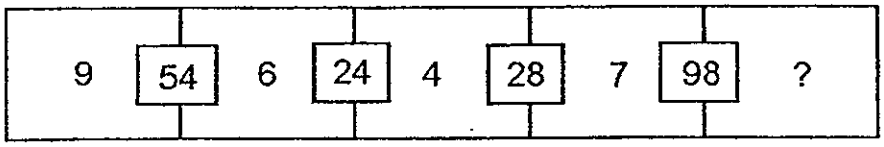
18. Look at the picture below.



Find the mass of the cupcake.

(1) 40 g
(2) 60 g
(3) 100 g
(4) 110 g ( )

19. What is the missing number?



(1) 63
(2) 26
(3) 14
(4) 12 ( )

20. I am a 3-digit even number.
The digit in my tens place is 8.
The digit in my ones place is 6 less than the digit in my tens place.
The digit in my hundreds place is twice the digit in my ones place.
What number am I?

(1) 428
(2) 482
(3) 824
(4) 842 ( )

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

Write the correct answers in the answer boxes provided. Show your working.

21. Write seven thousand, eight hundred and eleven in numeral.

Ans: [ ]

22. Find the difference between 6725 and 1972.

Ans: [ ]

23. What is the quotient when 350 is divided by 3?

Ans: [ ]

24. Arrange these numbers in order, beginning from the greatest to the smallest.

4495, 5485, 5145, 4485

Ans: [, , ,]

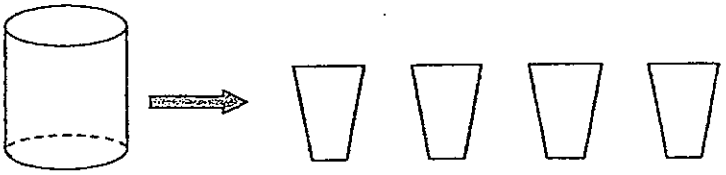
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25. Use all the digits given below to form the smallest even 4-digit number.

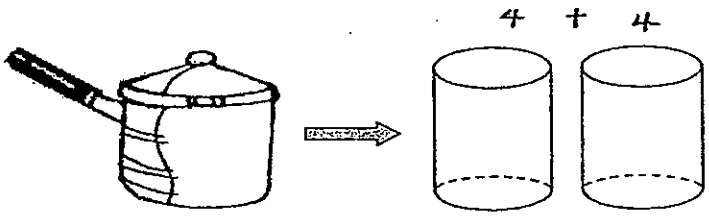
9, 0, 3, 8

Ans: ____

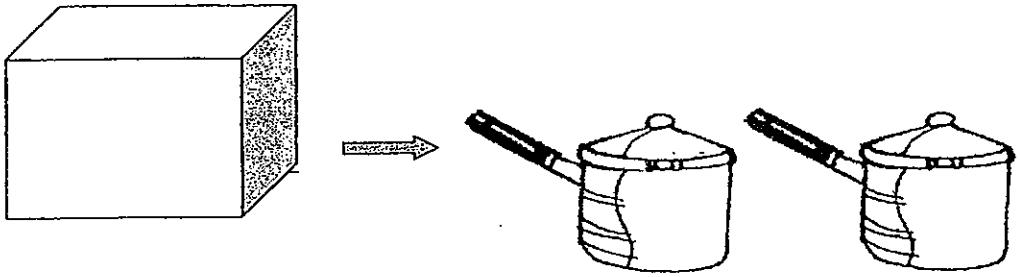
26. Look at the pictures below.



container glass



saucepan



tank

How many glasses of water are needed to fill the tank completely?

Ans ____

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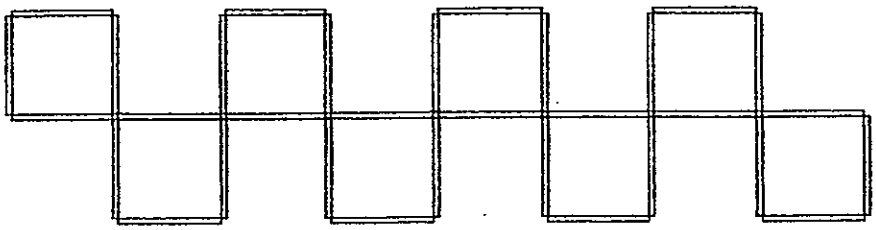
27. What is the sum of the value of digit 8 in 8461 and 5084?

Ans:

28. What is the product of 378 and 5?

Ans:

29. 4 sticks were used to make a square. After making 8 identical squares, Irene has 2 sticks left. How many sticks does Irene have altogether?



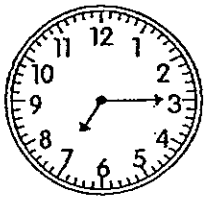
Ans:

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30. There were 110 guests and 18 dining tables. 6 guests sat at each table. How many guests did not have a seat?

Ans: ____

31. Jenny's watch shows 7.15 p.m. It is half an hour fast.
What is the correct time?



Ans: ____

32.

	5	?	7	9
+	3	2	8	8
	9	2	6	7

What is the missing digit in the box?

Ans: ____

33. 2 identical exercise books cost as much as 3 identical files. If 6 files cost $24, what is the cost of each book?

Ans: $ ____

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34. Ali, Bala and Charles share some marbles. Ali has 148 marbles. Bala has twice as many marbles as Ali. Charles has half of what Ali and Bala have in all. How many marbles does Charles have?

Ans: _____

35. The total price of 1 adult and 3 children concert tickets is $64. The price of an adult concert ticket is $28. How much does a child ticket cost?

Ans: $ _____

36. Kenny and Mary shared some stickers equally. After Mary gave 48 stickers to Kenny, how many more stickers did Kenny have than Mary?

Ans: _____

37 When a number is divided by 6, it has a remainder of 2. When the number is divided by 8, it has a remainder of 6. If this number lies between 30 and 50, what is this number?

Ans: _____

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38. Amy and Betty shared 200 cookies. After Amy ate 30 cookies and Betty baked another 28 cookies, they had the same number of cookies. How many cookies did Betty have at first?

Ans: ☐

39. If ✚ × ✚ = 81

and ✚ × △ = 162

What is the value of △ + △ ?

Ans: ☐

40. The figures below are made of sticks of equal length. Look at the following patterns. How many sticks are required to form figure 7?



Figure 1
4 sticks

Figure 2
7 sticks

Figure 3
10 sticks

Ans: ☐

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SECTION C: Story Sums (5 x 4 marks)

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

41. Aunt Sarah baked 753 cookies on Monday. She baked 274 fewer cookies on Monday than what she baked on Tuesday. How many cookies did she bake altogether?

Ans: _____

42. John, Mary and Lynn share some picture cards. John has twice as many picture cards as Mary. Lynn has thrice as many picture cards as John. If Lynn has 380 picture cards more than Mary, how many picture cards does John have?

Ans: _____

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43. Andy, Ben and Carl shared 260 marbles. Ben received 20 marbles more than Carl. Ben received 10 marbles less than Andy, how many marbles did Carl have?

Ans _____

44. John and Manny shared some stamps equally. After John gave 20 stamps to Manny and Manny bought 28 stamps, the boys had 320 stamps altogether. How many stamps did John have at first?

Ans: _____

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45. Gopal wants to buy 8 bars of chocolate but he is short of $3. If he buys 7 bars of chocolate, he will have $1 left. How much money does he have?

Ans: _____

END OF PAPER

☺ *Please check your work.* ☺

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ANSWER SHEET

EXAM PAPER 2012

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	2	2	4	3	3	4	3	3	4	1	1	1	3	3	4

Q18	Q19	Q20
2	3	2

21)7811 **22)4753** **23)116** **24)5485, 5145, 4495, 4485**

25)3098 **26)16 glasses of water** **27)8080** **28)1890**

29)34 sticks **30)2 guests** **31)6.45p.m.** **32)9** **33)$6**

34)222 marbles **35)$12** **36)96 more stickers** **37)38**

38)71 cookies **39)36** **40)22 sticks**

41)753 + 274 = 1027
1027 + 753 = 1780
She baked 1780 cookies altogether.

42)380÷5= 76
76 x 2 = 152
John has 152 picture cards.

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43)20 + 20 + 10 = 50
260 – 50 = 210
210 ÷ 3 = 70
Carl has 70 marbles.

44)320 – 28 = 292
292 ÷ 2 = 146
John had 146 stamps at first.

45)$3 + $1 = $4
$4 x 7 = $28
$28 + $1 = $29
Gopal has $29

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