CATHOLIC HIGH SCHOOL
MID-YEAR EXAMINATION 2013
MATHEMATICS
PRIMARY 3

Name :_____( )

Class: Primary 3 _____

Date: 20 May 2013

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 **16** 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

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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 is the value of the digit 3 in 3428?

   (1) 3
   (2) 30
   (3) 300
   (4) 3000 ( )

2. Bee Choo's piano lesson ended at 12 noon. The lesson was one hour long. What time did the lesson begin?

   (1) 1 a.m.
   (2) 1 p.m.
   (3) 11 a.m.
   (4) 11 p.m. ( )

3. 3425 – 189 = _____

   (1) 3236
   (2) 3346
   (3) 3364
   (4) 3614 ( )

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4. $36 \times 8 =$ _____

(1) 248

(2) 278

(3) 288

(4) 298 ( )

5. What is the sum of 7932 and 1485?

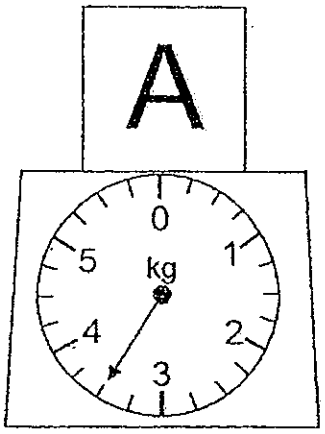
(1) 8317

(2) 8417

(3) 9317

(4) 9417 ( )

6.



Look at the diagram above. What is the mass of object A?

(1) 3 kg 200 g

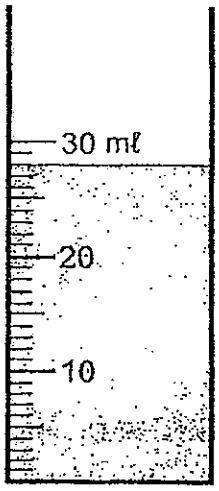
(2) 3 kg 500 g

(3) 4 kg 200 g

(4) 4 kg 500 g ( )

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7.



Look at the diagram above. What is the volume of the liquid in the container?

(1) 27 mℓ

(2) 28 mℓ

(3) 37 mℓ

(4) 38 mℓ ( )

8. 194 tens less than 3892 is _____.

(1) 1952

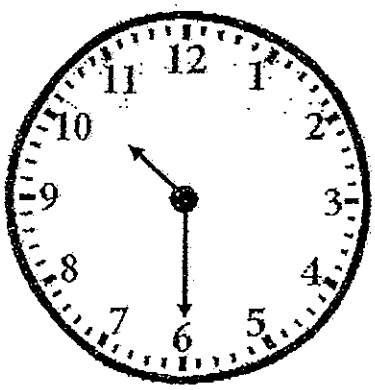
(2) 2152

(3) 3698

(4) 4086 ( )

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9. What time does the clock show?



(1) 6.10

(2) 6.11

(3) 10.30

(4) 11.30 ( )

10. Kartini has 2358 rubber bands. Mujoo has 1467 rubber bands. How many more rubber bands does Kartini have than Mujoo?

(1) 891

(2) 991

(3) 3725

(4) 3825 ( )

11. 9812 = _____ + 180 tens + 12 ones

(1) 8 hundreds

(2) 8 thousands

(3) 9 hundreds

(4) 9 thousands ( )

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12. James has 214 stamps. Albert has twice as many stamps as James. How many stamps do they have altogether?

(1) 107

(2) 321

(3) 428

(4) 642 ( )

13. Jane was given 84 flowers and she put them in vases. She put 6 flowers in each vase. How many vases did she use?

(1) 14

(2) 41

(3) 484

(4) 504 ( )

14. _____ x 6 = 12 + 12 + 12 + 6

(1) 42

(2) 36

(3) 7

(4) 4 ( )

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15. A number has a remainder of 2 when it is divided by 3. It has a remainder of 3 when it is divided by 4. Which of the following is this number?

(1) 20

(2) 23

(3) 26

(4) 27 ( )

16. A dressmaker used 20 m of cloth to make 5 identical dresses. How much cloth would she need to make 2 such dresses?

(1) 4 m

(2) 8 m

(3) 28 m

(4) 40 m ( )

17. Johar had 723 g of flour. He bought another 198 g of flour. How much flour did he have in the end?

(1) 525 g

(2) 831 g

(3) 911 g

(4) 921 g ( )

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18. Harum had 813 ℓ of orange juice. Fang Rui had 275 ℓ of orange juice less than Harum. How much orange juice did Fang Rui have?

(1) 538 ℓ

(2) 638 ℓ

(3) 648 ℓ

(4) 1088 ℓ ( )

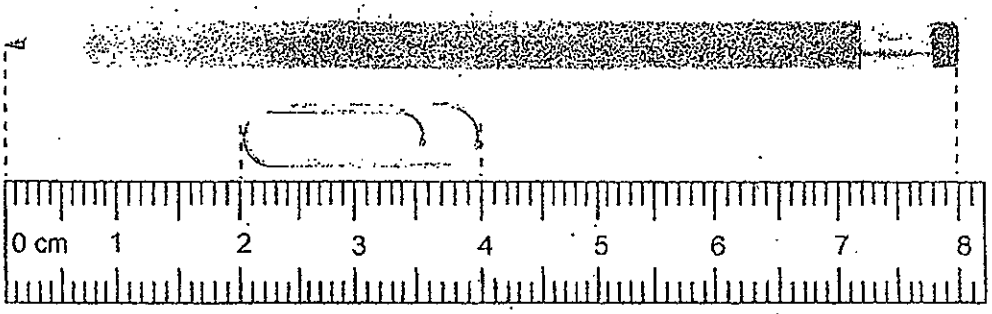
19. Karl had 39 marbles more than Larry and Jack had 52 marbles less than Karl. If Larry had 25 marbles, how many marbles did Jack have?

(1) 12

(2) 38

(3) 66

(4) 116 ( )

20. 

Look at the diagram above. What is the difference in length between the pencil and the paper clip?

(1) 10 cm

(2) 2 cm

(3) 6 cm

(4) 4 cm ( )

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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 clearly.

21. Write three thousand, eight hundred and two in numerals.

Ans: ____

22. Arrange the following numbers from the greatest to the smallest.

3417 , 7341 , 3174 , 4713

Ans ____ , ____ , ____ , ____
Greatest

23. What is the difference in value between 8000 and 4319?

Ans: ____

24. What is the missing number in the pattern below?

2388 , 2348 , 2308 , _____ , 2228

Ans: ____

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25. Find the product of 189 and 6.

Ans: ____

26. 64 ÷ 8 = _____ x 2

Ans: ____

27. What is the quotient when 2277 is divided by 9?

Ans: ____

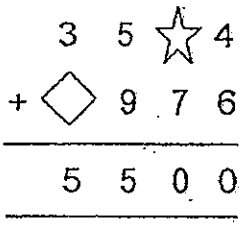
28. Form the largest 4 digit add number using the following digits.

5	3	6	2

Ans: ____

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29. Fill in the missing digits represented by the shapes.



Ans: ☆ represents ____

◇ represents ____

30. Joel collected 3210 sticks. Joel collected 189 sticks fewer than Halim. How many sticks did Halim collect?

Ans: ____

31. Harry and Jim shared some chocolates equally at first. After Harry gave 24 chocolates to Jim, Jim had 187 chocolates. How many chocolates does Harry have now?

Ans: ____

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32. Kelly and Peter shared some sweets equally at first. After Kelly gave away 10 sweets and Peter bought another 25 sweets, how many more sweets did Peter have than Kelly now?

Ans: [ ]

33. Kim has $33. Jon has thrice as much money as Kim. Jon wants to buy a racket which cost $115. How much more money does Jon need to buy the racket?

Ans: $ [ ]

34. Aidan bought 9 shirts that cost $146 each. He had $6 left after buying the shirts. How much money did Aidan have at first?

Ans: $ [ ]

35. Charlie's watch shows 5.15 p.m. It is half an hour slow. What is the actual time?

Ans: [ ] p.m.

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36. I am a number smaller than 3000.
The digit in my thousands place is twice the digit in my tens place.
I have a digit 5 in my hundreds place.
The digit in my ones place is the biggest digit possible.
What number am I?

Ans: [ ]

37. Daud had some stamps. He lost 145 stamps and ~~bought 80 stamps~~. He had 1706 stamps in the end. How many stamps did he have at first?

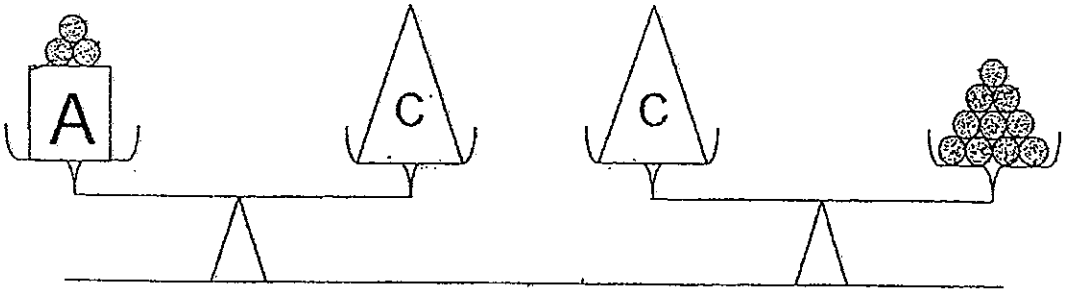
Ans: [ ]

38. Debbie and Ken had 410 erasers. How many erasers did Debbie have if Ken had 170 erasers more than her?

Ans: [ ]

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39.

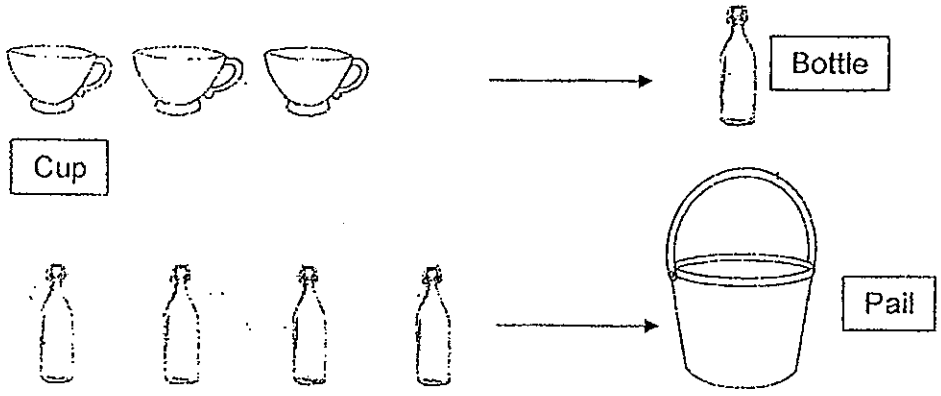


Look at the diagrams above. Each ◎ has the same mass.

The mass of A is the same as the total mass of _____ ◎ .

Ans: _____

40.



Look at the diagrams above. Water from 3 identical cups fills 1 bottle. Water from 4 identical bottles fills 1 pail. How many cups of water are needed to fill 1 pail?

Ans: _____

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Section C: Story Sums (5 x 4 marks)
Solve the following story sums. All working must be shown clearly.

41. Willy has 6 boxes of marbles. There are 135 marbles in each box. He repacked all the marbles into 5 packets. How many marbles are there in each packet?

Ans: _____ [4]

42. Bill and Tim shared some stamps equally at first. After Bill gave 13 stamps away and Tim bought 25 stamps, Tim had 86 stamps. How many stamps did they have altogether in the end?

Ans: _____ [4]

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43. Alice, Beth and Caleb baked 405 muffins altogether. Alice baked twice as many muffins as Beth. Caleb baked thrice as many muffins as Alice. How many more muffins did Caleb bake than Alice?

Ans: _____ [4]

44 May wants to buy 6 packets of cheese but is short of $2. If she buys 4 packets of cheese, she will have $6 more. How much money does she have?

Ans: _____ [4]

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45. The following figures are formed using identical sticks.
Figure 1 is formed using 4 sticks.



Figure 1

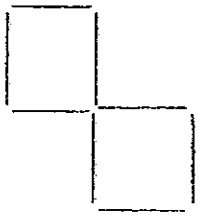


Figure 2

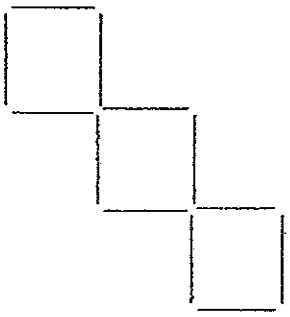


Figure 3

a) How many sticks are needed to form figure 4?

b) Which figure is formed using 76 sticks?

Ans: a) _____ [2]

b) Figure_____[2]

END OF PAPER

☺ Please check your work. ☺

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ANSWER SHEET

EXAM PAPER 2013
SCHOOL : CATHOLIC HIGH SCHOOL
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

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

Q18	Q19	Q20
1	1	3

Section B
Q21) 3802
Q22) 7341, 4713, 3417, 3174
Q23) 3681
Q24) 2268
Q25) 1134
Q26) 4
Q27) 253
Q28) 6523
Q29) ☆ = 2, ◇ = 1
Q30) 3399
Q31) 139
Q32) 35
Q33) $16
Q34) $1320
Q35) 5:45pm
Q36) 2519
Q37) 1771
Q38) 120

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Q39) 7
Q40) 12

Section C
Q41) 135 x 6 = 810
810 ÷ 5 = 162

Q42) 86 − 25 − 13 = 48
86 + 48 = 134

Q43) 405 ÷ 9 = 45
45 x 2 = 90
45 x 6 = 270
270 − 90 = 180

Q44) 2 books → $2 + $6 = 8
1 book → $8 ÷ 2 = $4
$4 x 4 = $16
$16 + $6 = $22

Q45
a) 4 x 3 = 12
12 + 4 = 16
b) 76 ÷ 4 = 19

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