CATHOLIC HIGH SCHOOL
SEMESTRAL ASSESSMENT (2017)
PRIMARY TWO
MATHEMATICS

Name : _____ ( )

Class : Primary 2 _____

Date : 30 October 2017

Duration : 1 h 30 min

Section A	15
Section B	20
Section C	15
Total Marks	50

Parent's Signature: _____

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Write all answers in this booklet.

This booklet consists of 18 printed pages excluding the cover page.

Section A: (15 marks)

Questions 1 to 15 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). All diagrams are not drawn to scale.

1. 5 hundreds and 9 ones is the same as _____.

    (1) 59

    (2) 509

    (3) 590

    (4) 591   (   ).

2. Look at the number pattern below.
    What number comes next?

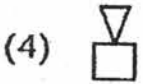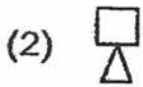   731, 729, _____, 725, 723, 721

    (1) 724

    (2) 726

    (3) 727

    (4) 728   (   )

1

3. Which of the following numbers is an odd number?

   (1) 124

   (2) 214

   (3) 241

   (4) 412   (   )

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4. What is the difference in value between 600 and 380?

   (1) 220

   (2) 320

   (3) 380

   (4) 980   (   )

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5. What is the missing number?

```
      3   2   8
   +  5   7   4
   ─────────────
      9   ?   2
```

   (1) 1

   (2) 0

   (3) 5

   (4) 9   (   )

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6. Study the pattern below.

What is the next figure in the pattern?

(1)

(2)

(3)

(4)   (   )

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7. Kelly packed 36 stalks of roses equally into 4 boxes.
   How many stalks of roses were there in each box?

(1)   8

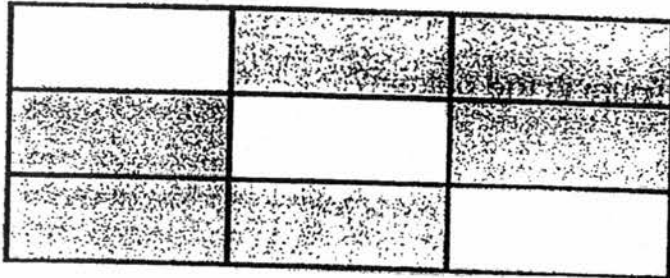(2)   9

(3)   32

(4)   40   (   )

3

8. The following figure is made up of 9 identical rectangles. What fraction of the figure is shaded?

(1) $\frac{3}{6}$

(2) $\frac{6}{3}$

(3) $\frac{3}{9}$

(4) $\frac{6}{9}$

(   )

9. Which of the following list of numbers is arranged from the greatest to the smallest?

	greatest			smallest
(1)	498,	489,	894,	849
(2)	489,	498,	849,	894
(3)	894,	489,	849,	498
(4)	894,	849,	498,	489

(   )

4

10. Study the diagram below. What is the total amount of money shown?

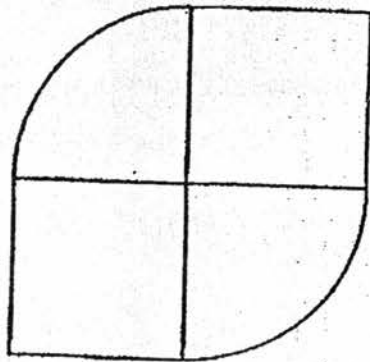(1) $252.50

(2) $205.50

(3) $258.50

(4) $290.50

(   )

11. 12 + 2 is the same as 3 x [?]

    (1)   6

    (2)   2

    (3)   3

    (4)   4

                                                       (   )

12. What shapes is the figure below made up of?

    (1)   1 square and 1 quarter circle

    (2)   2 squares and 2 quarter circles

    (3)   4 quarter circles

    (4)   4 squares

                                                       (   )

6

13. $\dfrac{7}{7} - \dfrac{1}{7} = \boxed{?}$

    (1) $\dfrac{2}{7}$

    (2) $\dfrac{6}{0}$

    (3) $\dfrac{6}{7}$

    (4) $\dfrac{8}{7}$

                                  (   )

14. Which one of the following is likely to be the height of the flagpole at the parade square in a school?

    (1)   5 m

    (2)   5 cm

    (3)   50 m

    (4)   50 cm

                                    (   )

15. Look at the diagram below.
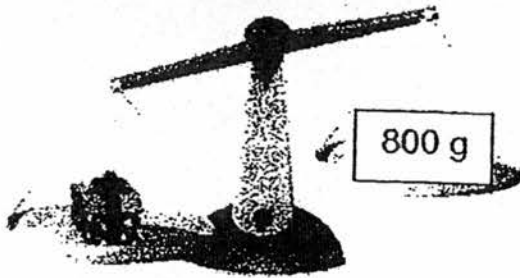
Box A

Which one of the following statements is true about the mass of box A?

(1) The mass of box A is 800 g.

(2) The mass of box A is less than 800 g.

(3) The mass of box A is more than 800 g.

(4) The mass of box A is more than 700 g but less than 800 g.

(   )

Section B: (20 marks)

Questions **16** to **25** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

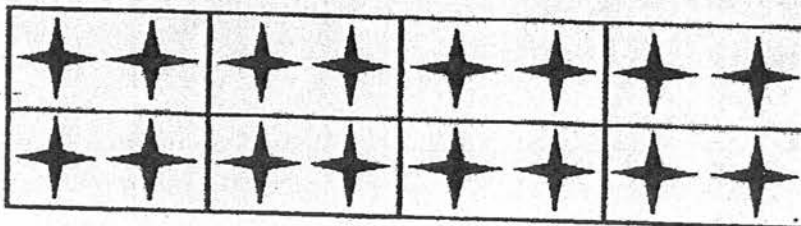16. Write five hundred and forty-six in numerals.

Ans:

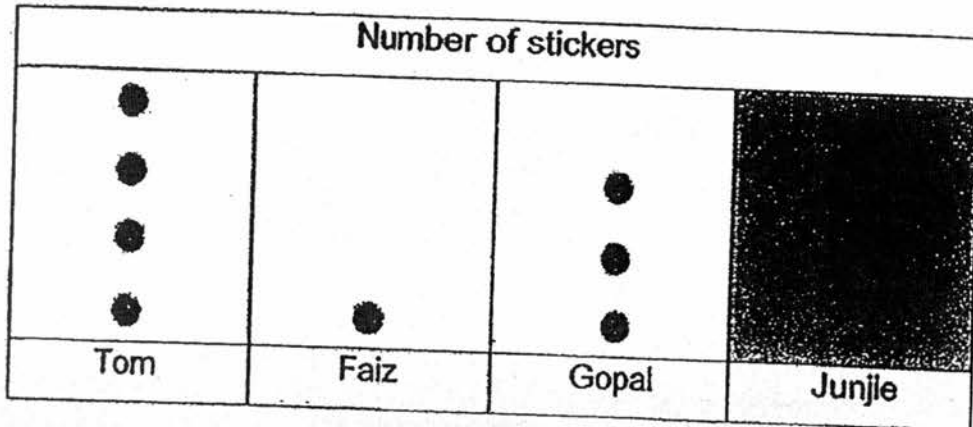17. How many litres of water are there in the beaker?
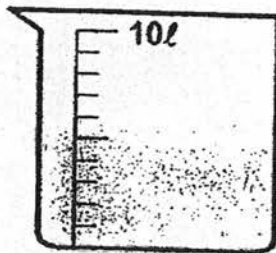
Ans: _____ ℓ

18. Study the diagram below. Fill in the boxes with the correct numbers.

☐ groups of 2 = ☐

9

The picture graph below shows the number of stickers that 4 boys have. The number of stickers Junjie has is not shown in the picture graph. Study it carefully and answer questions 19 and 20.

Number of stickers			
● ● ● ●		● ● ●	
Tom	Faiz	Gopal	Junjie

Each ● stands for 5 stickers.

19. How many stickers did Gopal have?

Ans: [ ]

20. Tom, Faiz and Junjie have 75 stickers altogether. How many stickers did Junjie have?

Ans: [ ]

10

21. Arrange the following fractions from the smallest to the greatest.

$$\frac{1}{4}, \quad \frac{1}{10}, \quad \frac{1}{2}$$
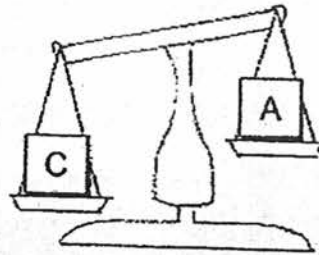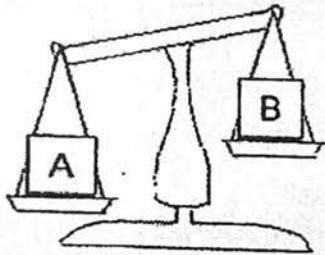
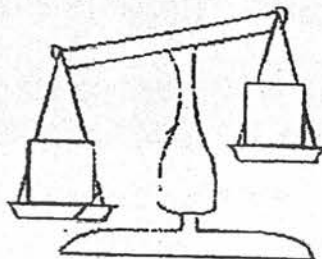Ans: _____ , _____ , _____

smallest   greatest

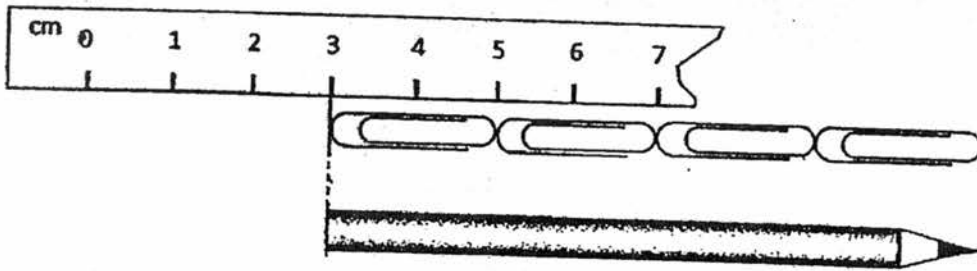22. Study the diagrams below.

Compare the masses of box B and box C.

In the diagram below, write the letter B and C in the correct boxes to show the comparison in mass between B and C.

11

23. Study the picture carefully.

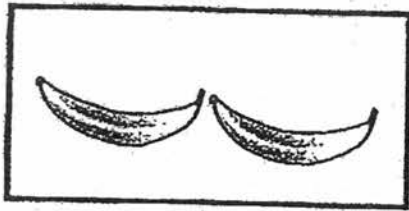Based on the diagram of the ruler above, what is the length of the pencil?

Ans: ☐ cm

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24. The clock below shows the time that Sulin reaches her home from school. What time does Sulin reach her home?
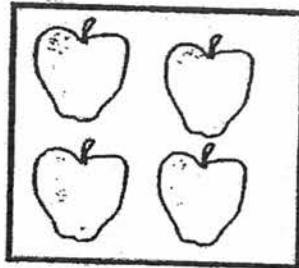

Ans: ☐ p.m.

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25. Mrs Lee bought 2 bananas and 8 apples.

How much did she pay for the fruits?

2 bananas for $2

4 apples for $3

Ans: $

Section C: (15 marks)

Questions **26** to **30** carry 3 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

26.   Ramu has 367 erasers.

Ahmad has 118 more erasers than Ramu.

How many erasers do the boys have altogether?

The boys have _____ erasers altogether.

27. A baker baked 8 cakes in the morning.
She baked thrice as many cakes in the afternoon.
How many cakes did the baker bake altogether?

She baked _____ cakes altogether.

28. Mrs Tan had 250 cm of string.

She used 180 cm of it to tie a parcel.

She cut the rest of the string equally into 10 shorter pieces.

How long was each shorter piece of string?

Each shorter piece of string was _____ cm long.

29. A full bottle can hold 2 ℓ of water. 5 such bottles of water fills an empty pail completely. How much water can 9 such pails hold?
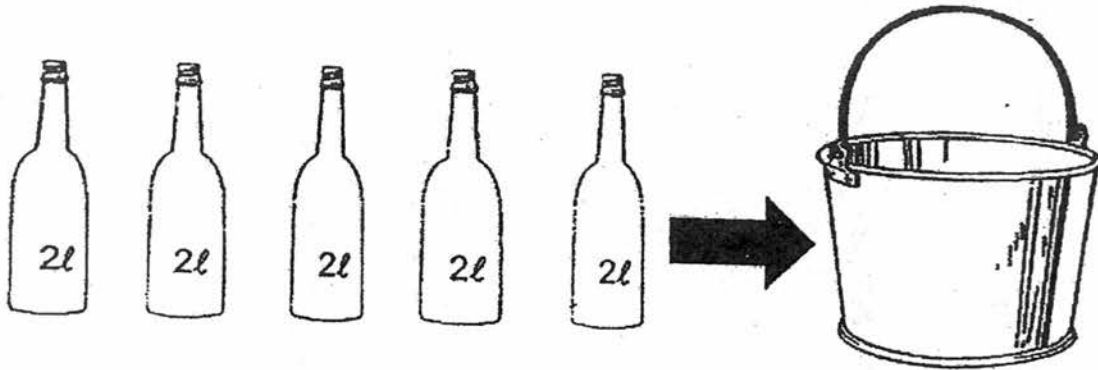
9 such pails can hold _____ ℓ of water.

30. Mary spent $31 at the supermarket.

She took out some ten dollar and five dollar notes from her purse to pay for the items at the cashier. She received $4 change from the cashier.

(a) How much money did Mary take out from her purse?

Mary took out $_____ from her purse.

(b) How many ten dollar and five dollar notes did she take out from her purse?

List one possible number of ten dollar note and five dollar note.

Number of ten dollar note	Number of five dollar note

_____

-End of paper-
Have you checked your work?

18

EXAM PAPER 2017(P2)

SCHOOL : CATHOLIC HIGH

SUBJECT : MATHEMATICS

TERM : SA2

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

16)546   17)6 L   18)8 groups of 2 = 16   19)3 x 5 = 15

20)75 – 20 = 55   21)1/10 , ¼ , ½   22)C / B

  55 – 5 = 50   23)8 cm   24)1.30 p.m.

25)$8

26)367 + 118 =485

  367 + 485 = 852

The boys have 852 erasers altogether.

27)8 x 3 = 24

  24 + 8 = 32

She baked 32 cakes altogether.

28) $250 - 180 = 70$

$70 \div 10 = 7$

Each shorter piece of string was 7 cm long.

29) $5 \times 2\,L = 10\,L$

$10\,L \times 9 = 90\,L$

9 such pails can hold 90 L of water.

30) a) $\$31 + \$4 = \$35$

Mary took out $35 from her purse.

b) 3 / 1