CATHOLIC HIGH SCHOOL

END-OF-YEAR EXAMINATION (2019)

PRIMARY THREE

MATHEMATICS

Name : _____( )

Class : Primary 3 _____

Date : 25 Oct 2019

Duration : 1 h 45 min

Section A	30
Section B	34
Section C	16
Total Marks	80

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.

For section A, shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 20 printed pages excluding the cover page.

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Section A

Questions **1** to **15** carry 2 marks each. For each question, 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). All diagrams are not drawn to scale. (30 marks)

1. 6 thousands and 43 tens is _____.

   (1) 643
   (2) 6043
   (3) 6403
   (4) 6430

   ( )

2. Find the sum of 7508 and 1249.

   (1) 6259
   (2) 6341
   (3) 8747
   (4) 8757

   ( )

3. 8 x 5 = _____ groups of 4

   (1) 10
   (2) 36
   (3) 40
   (4) 44

   ( )

4. Find the difference between 3759 and 5803.

   (1) 2044
   (2) 2156
   (3) 8552
   (4) 9562

   ( )

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5. Find the product of 207 and 9.

(1) 23
(2) 198
(3) 216
(4) 1863 ( )

---

6. Ming packed 54 candies into small boxes. He packed 9 candies into each small box. How many small boxes did Ming use?

(1) 5
(2) 6
(3) 63
(4) 486 ( )

---

7. What is the remainder when 326 is divided by 3?

(1) 1
(2) 2
(3) 5
(4) 8 ( )

---

8. Sam had some stickers. He gave all his stickers to 6 friends. Each of his friends received 5 stickers. How many stickers did Sam have at first?

(1) 1
(2) 11
(3) 30
(4) .35 ( )

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9. $\boxed{?} - \frac{2}{5} = \frac{1}{10}$

What is the missing fraction in the box?

(1) $\frac{1}{2}$

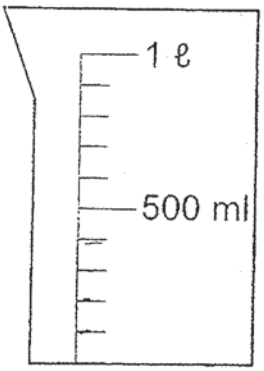
(2) $\frac{1}{5}$

(3) $\frac{3}{10}$

(4) $\frac{3}{5}$ ( )

---

10. In the figure below, how much more water is needed to make 1 ℓ of water?



(1) 400 ml

(2) 500 ml

(3) 600 ml

(4) 1000 ml ( )

---

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11. On Monday, Ahmad painted a picture from 8.45 a.m. to 2.30 p.m. He stopped painting for an hour at 12 p.m. How long did he spend painting his picture?

(1) 3 h 15 min
(2) 4 h 30 min
(3) 4 h 45 min
(4) 5 h 45 min ( )

---

12. $72 is shared equally among 8 children. How much money does each child receive?

(1) $9
(2) $64
(3) $80
(4) $576 ( )

---

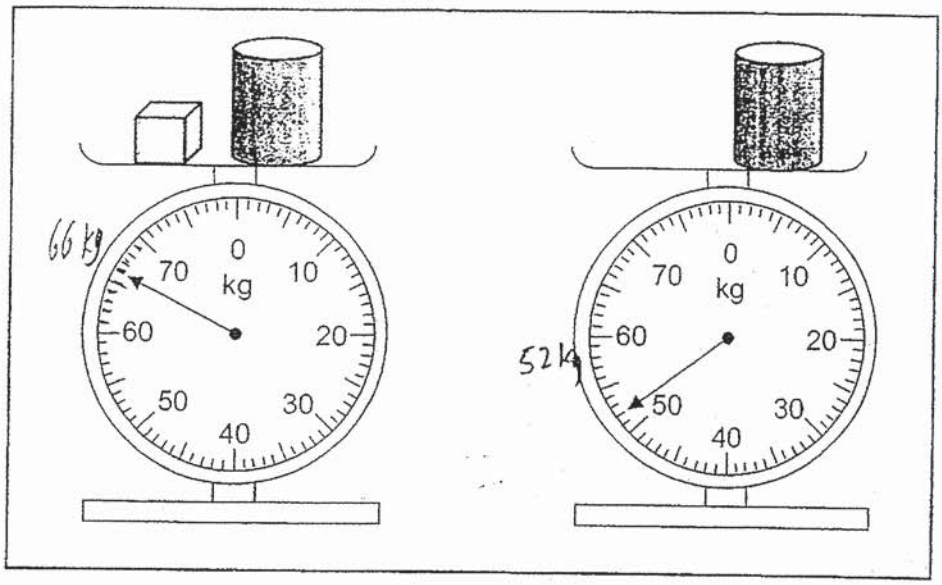
13. Jim packed 8 similar bags of marbles. He packed 128 marbles into each bag. How many marbles did he pack altogether?

(1) 16
(2) 120
(3) 136
(4) 1024 ( )

---

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14. What is the mass of ☐ ?



(1) 13 kg
(2) 14 kg
(3) 66 kg
(4) 118 kg

( )

---

15. Bala walked from the playground to the supermarket. From the supermarket, he walked home. What was the total distance he walked?



(1) 220 m
(2) 920 m
(3) 1 km 140 m
(4) 1 km 360 m

( )

END OF SECTION A

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Section B

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Questions **16** to **21** carry 1 mark each. Show your working clearly in the space and write the correct answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (6 marks)

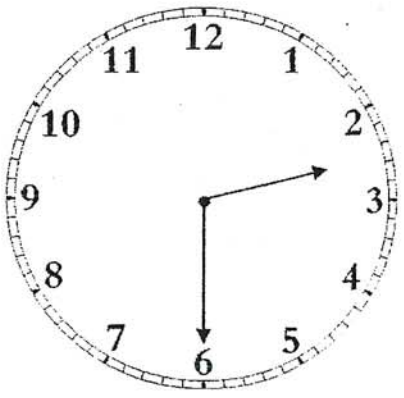
16. Look at the numbers below.

3957 2694

The statement below is either true, false or not possible to tell from the information given. Put a tick (√) in the correct column.

Statement	True	False	Not possible to tell
The greatest digit for both numbers is in the hundreds place.			

17. Mary finished her piano lesson at the time shown on the clock. The clock was 15 minutes slow. What was the actual time she finished her piano lesson?

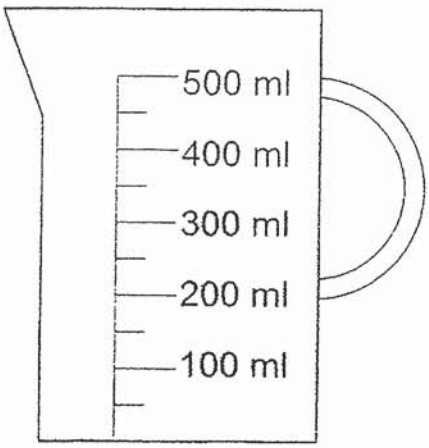


Ans:_____p.m.

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18.

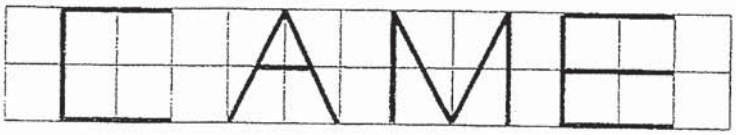


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What is the volume of water in the container shown above?

Ans:_____ml

19. In the figure below, the letters are drawn on a square grid. Which of the following letter(s) has/have no perpendicular lines?



Ans:_____

20. Express 709 cm in metres and centimetres.

Ans:_____ m _____ cm

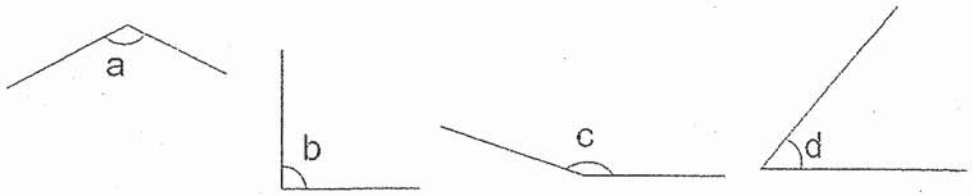
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21. Name the angle(s) that is/are smaller than a right angle.

Do not write in this space



Ans: ∠_____

Total marks for questions 16 to 21

6

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Questions **22** to **35** 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. (28 marks)

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22. Complete the following number pattern.

720, 730, 735, 745, 750, _____, 765, 775

Ans: _____

23. Form the smallest 4-digit odd number with the following digits. All the digits must be used. Each digit can only be used once.

3	8	1	4

Ans: _____

24. Alex and Fandi shared some stamps equally. After Fandi gave 33 stamps to Alex, how many more stamps did Alex have than Fandi?

Ans: _____

(Go on to the next page)

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25. Mdm Kim made 7 strawberry tarts. She made 4 times as many egg tarts as strawberry tarts. How many egg tarts did Mdm Kim make?

Do not write in this space

Ans: _____

26. What is the difference between $\frac{3}{4}$ and $\frac{1}{6}$?

Ans: _____

27. Find the quotient when 101 is divided by 3.

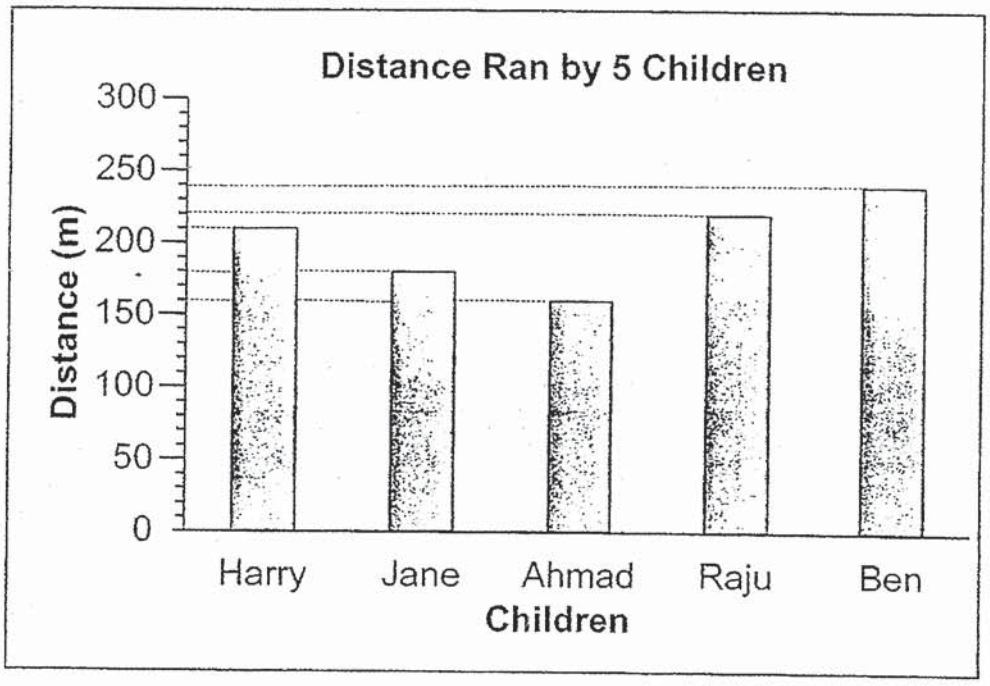
Ans: _____

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28. The bar graph below shows the distance ran by five children. Study the graph carefully.

Do not write in this space



How much further did Ben run than Jane?

Ans: _____ m

29. Arrange the following fractions in order.

Begin with the greatest.

$$\frac{3}{10}, \frac{1}{2}, \frac{2}{5}$$

Ans: _____, _____, _____
greatest smallest

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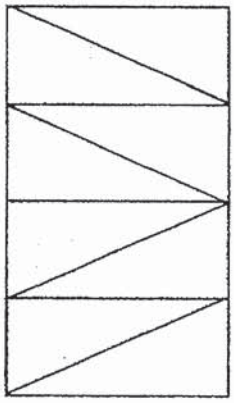
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30. Mike bought some chocolates to be shared equally among 6 friends. He gave 13 chocolates to each friend and had 5 chocolates left. How many chocolates did Mike buy?

Do not write in this space

Ans:_____

31. The figure below is made up of 4 identical rectangles. What fraction of the figure is shaded? Express your answer in its simplest form.



Ans:_____

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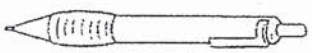
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32. Study the figure below carefully.

Do not write in this space



Notebook $4

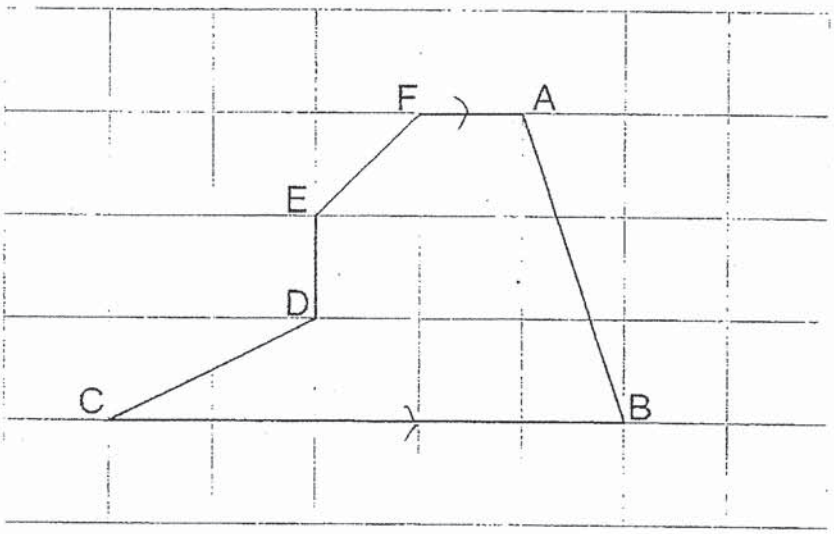


Mechanical pencil $1.20

Jim bought a notebook and a mechanical pencil. He gave the cashier $10. How much change would he receive?

Ans:$_____

33. In the figure below, name a pair of parallel lines in the square grid.



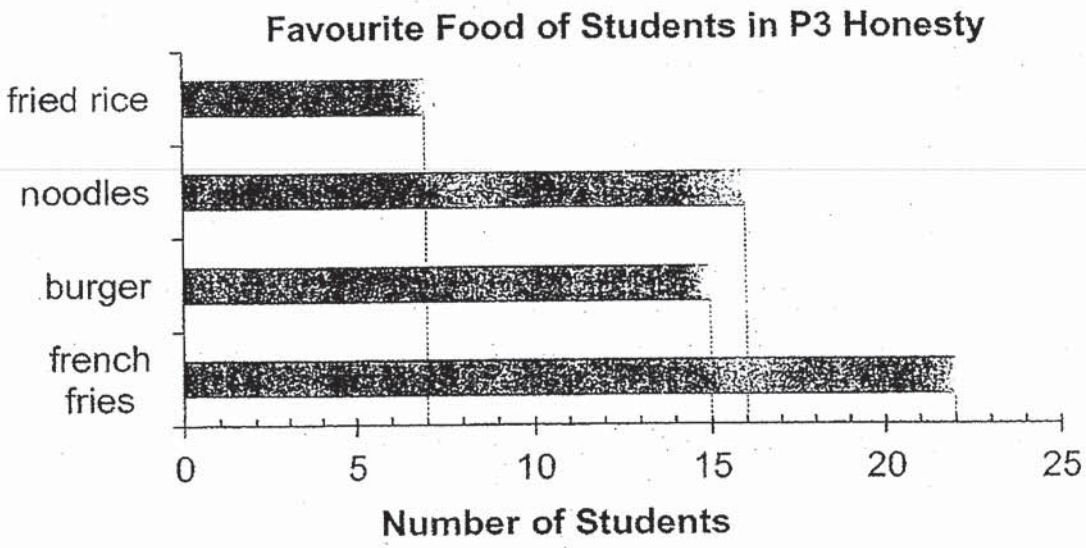
Ans:_____and_____

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34. The bar graph below shows the favourite food of the students in Primary 3 Honesty. Study the graph carefully and answer question (a) and (b).

Do not write in this space



(a) What is the least popular food among the students in P3 Honesty?

Ans:_____

(b) How many students like french fries?

Ans:_____

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35. Figure A is a square tile with a side of 8 cm. Figure B is a square tile made up of exactly nine Figure As. Find the perimeter of Figure B.

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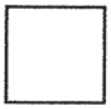


Figure A

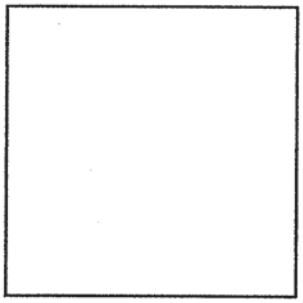


Figure B

Ans: _____ cm

Total marks for questions 22 to 35 28

END OF SECTION B

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Section C

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For Questions **36** to **40,** show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. All diagrams are not drawn to scale. (16 marks)

36. Mdm Heng baked 322 cupcakes yesterday. She gave 290 cupcakes to some children during a party. She baked another 258 cupcakes today. How many cupcakes did she have in the end?

Ans:_____ [3]

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37. George had a sum of money. His brother had $86.50. After George spent $23.20, he had $12 less than his brother. How much money did George have at first?

Do not write in this space

Ans:_____ [3]

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38. Tom took 7 h 25 min to fly from Singapore to Dubai. He left Singapore at 9.45 p.m.

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(a) What time did Tom arrive in Dubai?

(b) Jean took another flight that left at the same time as Tom's. It landed 40 minutes after Tom. How long was Jean's flight?

Ans: (a)_____ [2]

(b)_____ [1]

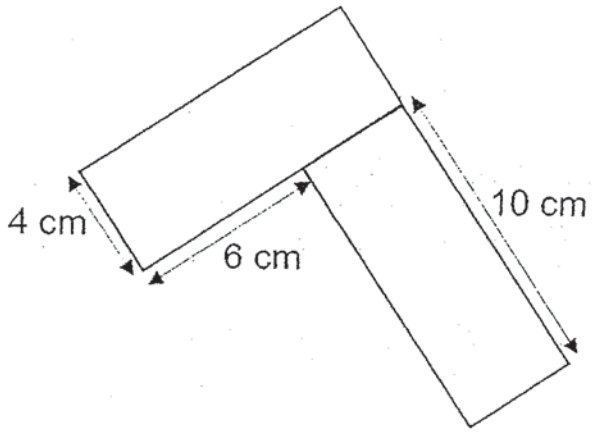
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39. The figure below is made up of two identical rectangles.

(a) What is the area of one of the rectangles?

(b) What is the perimeter of the figure?



Do not write in this space

Ans: (a)_____ [1]

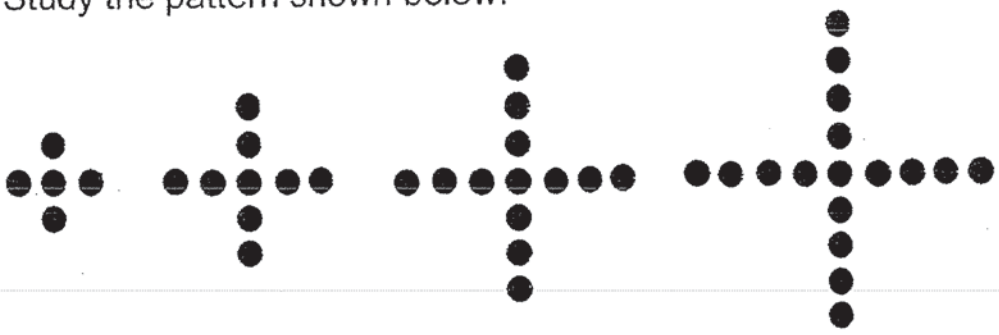
(b)_____ [2]

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40. Study the pattern shown below.

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Pattern 1 Pattern 2 Pattern 3 Pattern 4

Pattern Number	Number of dots
1	5
2	9
3	13
4	17

(a) How many dots are there in Pattern 10?

(b) Which pattern number will have a total of 69 dots?

Ans: (a)_____ [2]

(b)_____ [2]

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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : CATHOLIC HIGH SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

SECTION A (30 marks)

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

SECTION B

(16) False
(17) 2.45p.m.
(18) 350ml
(19) A,M
(20) 7m9cm
(21) angle D
(22) 760
(23) 1483
(24) 66
(25)28
(26) $\frac{7}{12}$
(27) 33
(28) 60m
(29) $\frac{1}{2}, \frac{2}{5}, \frac{3}{10}$
(30) 83
(31) $\frac{1}{2}$
(32) $ 480
(33) EA and CB
(34a) Fried rice
(34b) 22
(35) 96cm
(36) 290
(37) $97.70
(38a) 5.10a.m.
(38b) 8h5min
(39a) 40cm2
(39b) 48cm
(40a) 41
(40b) Figure 17

END.

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