ST. HILDA'S PRIMARY SCHOOL

Booklet A

SEMESTRAL ASSESSMENT 1 2019

PRIMARY 4 MATHEMATICS

(BOOKLET A)

Total Time for Booklets A and B: 1 hour 45 minutes

Additional Materials: Optical Answer Sheet

Booklet A: 20 Multiple-Choice Questions (40 marks)

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all the questions.
4. Shade your answers in the Optical Answer Sheet provided.

Name : _____

Index No.: _____ Class : P4 / _____ Date : 21 May 2019

Parent's Signature : _____

This booklet consists of 7 printed pages.

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Questions **1** to **20** 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. (40 marks)

1. Ninety-six thousand and six in numerals is _____.

   (1) 90 606
   (2) 90 066
   (3) 96 006
   (4) 96 600

2. The value of the digit 8 in 38 149 is _____.

   (1) 80 hundreds
   (2) 80 tens
   (3) 8 hundreds
   (4) 8 tens

3. In which of the following are the numbers arranged from the smallest to the greatest?

	(smallest)		*(greatest)*
(1)	92 403,	29 304,	29 340
(2)	92 403,	29 340,	29 304
(3)	29 340,	29 304,	92 403
(4)	29 304,	29 340,	92 403

4. Which of the following is **not** a multiple of 7?

   (1) 35
   (2) 54
   (3) 56
   (4) 63

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5. Which one of the following pairs of numbers has 12 as a common multiple?

(1) 6 and 9
(2) 2 and 10
(3) 3 and 6
(4) 4 and 8

6. Which of the following is a common factor of both 36 and 63?

(1) 9
(2) 7
(3) 6
(4) 4

7. Find the product of 503 and 26.

(1) 1378
(2) 4024
(3) 13 078
(4) 43 240

8. What is the remainder when 8802 is divided by 7?

(1) 0
(2) 2
(3) 3
(4) 5

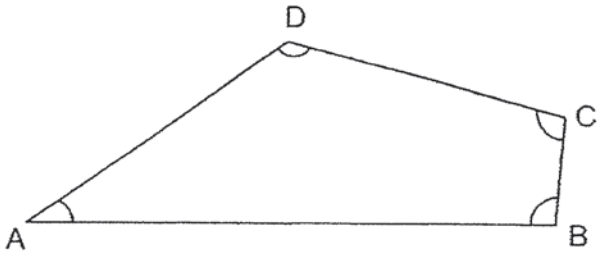
9. Find the product of 1095 and 6.

(1) 1088
(2) 1101
(3) 6540
(4) 6570

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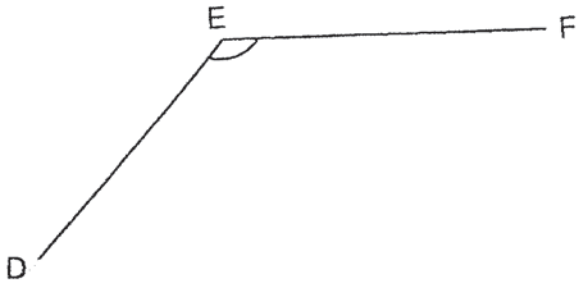
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10. In the figure below, which angle is smaller than a right angle?



(1) ∠ DAB
(2) ∠ CDA
(3) ∠ BCD
(4) ∠ ABC

11. Measure ∠DEF.



(1) 148°
(2) 132°
(3) 52°
(4) 48°

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12. The area of a square is 64 cm^2.
Find the perimeter of the square.

(1) 8 cm
(2) 16 cm
(3) 32 cm
(4) 256 cm

13. An elephant has a mass of 5450 kg when rounded to the nearest ten kilogram.
What is the smallest possible mass of the elephant?

(1) 5444 kg
(2) 5445 kg
(3) 5449 kg
(4) 5454 kg

14. Which of the following is not a factor of 84?

(1) 9
(2) 12
(3) 14
(4) 28

15. In a music shop, there was a total of 1428 recorders and guitars.
There were 6 times as many recorders as guitars.
How many guitars were there at the shop?

(1) 204
(2) 238
(3) 240
(4) 1224

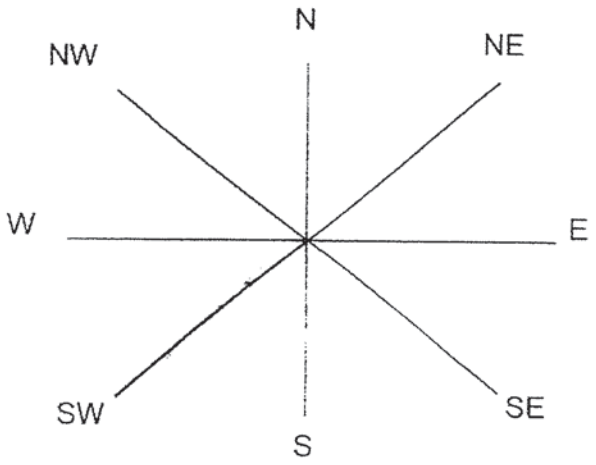
16. 4 identical T-shirts and a jacket cost $5280.
The jacket cost twice as much as a T-shirt.
How much does a jacket cost?

(1) $880
(2) $1056
(3) $1760
(4) $2112

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Use the following diagram to answer questions 17 and 18.



17. Linda was facing North and she made a 225° turn in the clockwise direction. Which direction is she facing now?

(1) South-West
(2) South-East
(3) North-West
(4) North-East

18. Julien was facing South-West.

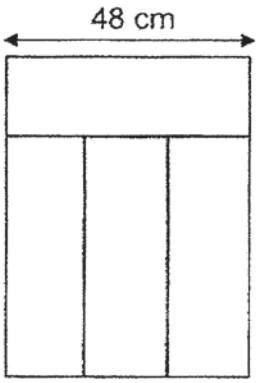
Which direction would he be facing if he makes a $\frac{3}{4}$- turn in an anti-clockwise direction?

(1) East
(2) North
(3) North-West
(4) South-East

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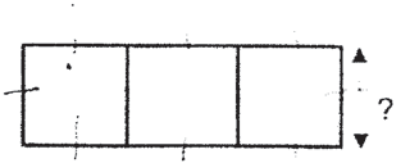
19. The figure below is made up of 4 identical rectangles.



What is the area of the figure?

(1) 192 cm^2
(2) 768 cm^2
(3) 2304 cm^2
(4) 3072 cm^2

20. The figure below is made up of 3 identical squares, placed side by side. The area of the figure is 432 cm^2. What is the length of one side of the square?



(1) 12 cm
(2) 24 cm
(3) 54 cm
(4) 144 cm

END OF BOOKLET A
Proceed to Booklet B

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Questions 21 to 40 carry 2 marks each. Show your working clearly in the sp provided for each question and write your answers in the spaces provided. questions which require units, give your answers in the units stated. (40 ma

21. Write fifty-six thousand, nine hundred and nine in figures.

Ans: _____

22. Round 69 951 to the nearest hundred.

Ans: _____

23. Three factors of 32 are 1, 2 and 4.
What are the other three factors of 32?

Ans: _____ and

24. What are the first two common multiples of 6 and 8?

Ans: _____

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25. Write the missing number in the number pattern below.

3456, 3436, 3416, ____?____, 3376, 3356

Ans: _____

26. A number when rounded to the nearest hundred is 5400.
What is the greatest possible whole number?

Ans: _____

27. Find the value of 1304 ÷ 4.

Ans: _____

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28. I am a number.
I am a multiple of 4 and 8.
I am between 11 and 20.
What number am I?

Ans: _____

29. A fruit seller had 42 boxes of mangoes.
There were 38 mangoes in each box.
He sold 4 mangoes for $15.
How much money did he receive if he sold all the mangoes?

Ans: $ _____

30. There are 3678 apples and oranges.
There are 1722 more oranges than apples.
How many oranges are there?

Ans: _____

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31. Find the quotient and remainder when 8134 is divided by 5.

Quotient: _____

Remainder: _____

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32. A refrigerator costs $1350. A hair dryer costs $455 less than the refrigerator. What is the cost of the two items when rounded to the nearest hundred dollars?

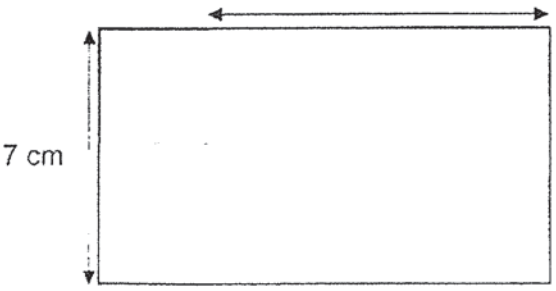
Ans: _____

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33. The figure below shows a rectangle with an area of 63 cm^2.
The shaded square has an area of 9 cm^2.
Find the length of x.



Ans: _____

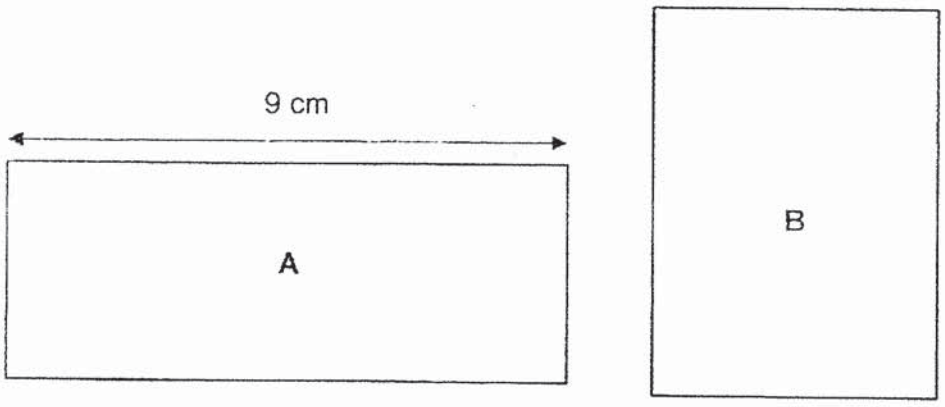
34. Draw $\angle ABC = 134^\circ$ using the given line AB.
Mark and label the angle.

A B

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35. Rectangle A and B have the same area.
The length of rectangle A is 9 cm.
The area of rectangle B is 54 cm^2.
Find the perimeter of rectangle A.

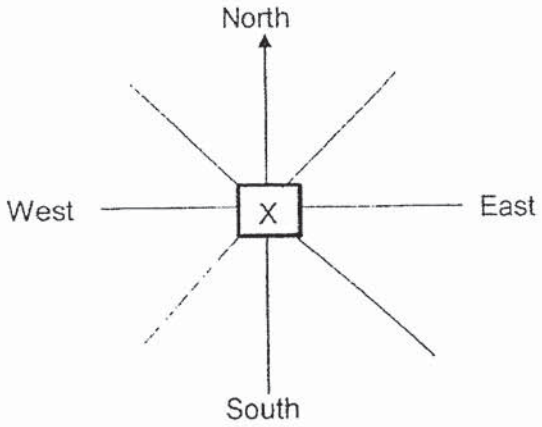


Ans: _____ cm

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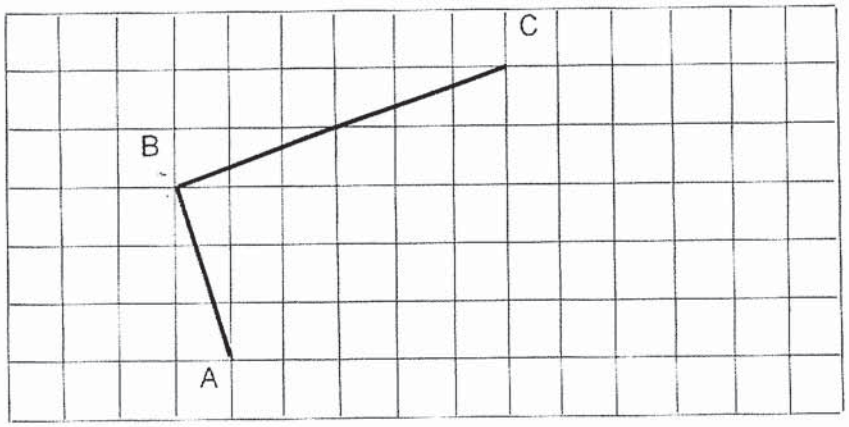
36. Ali is at point X.
He makes a $\frac{1}{2}$ - turn in the clockwise direction, then makes a 90° turn in the anti-clockwise direction.
He ends up facing East.
Which direction was Ali facing at first?



Ans: _____

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37. In the grid below, **complete** and **label** the rectangle ABCD by drawing 2 more lines. Lines AB and BC are drawn for you.



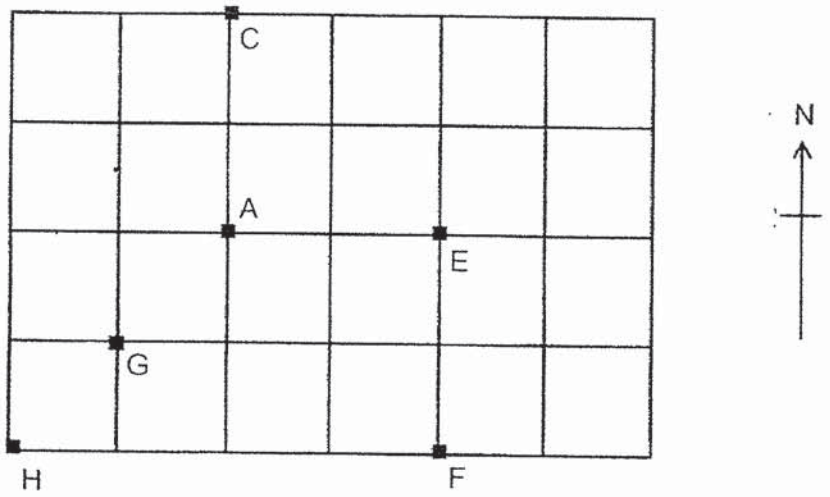
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38. Team A scored a total of 7039 points during Sports Day.
Team B scored 3 times as many points as Team A.
Team C scored 249 points more than Team B.
How many points did Team C score?

Ans: _____

39. Megan was standing at point A, facing point C.
How many degrees in the clockwise direction must Megan turn to face point F?

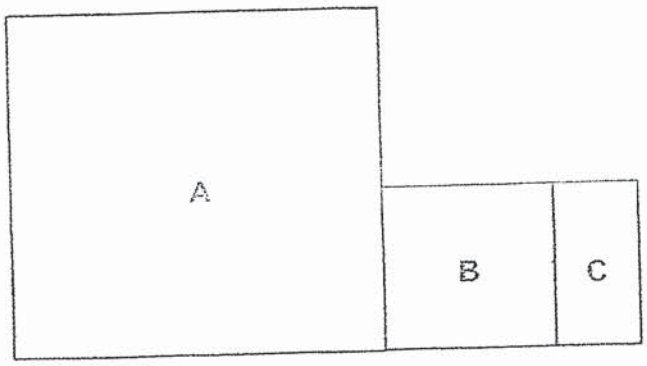


Ans: _____ °

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40. In the figure below, A and B are squares. C is a rectangle.
The area of A is four times the area of B.
The area of B is two times the area of C.
The area of C is 8 cm^2.
Find the length of square A.



Ans: _____

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For questions **41** and **45**, show your working clearly and write your equations and word statements in the space provided. The number of marks available is shown in brackets [ ] at the end of each question. (20 marks)

41. Macy bought 34 identical tubs of ice-cream for a birthday party.
She bought an equal number of tubs of chocolate and vanilla ice-cream.
A tub of chocolate ice-cream cost $18.
A tub of vanilla ice-cream cost $9.
How much did she spend in all?

Ans: _____ [4]

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42. Lynette and Stacy had an equal number of game cards at first.
After Lynette had given 68 game cards to Stacy, Stacy had five times as man game cards as Lynette.
How many game cards did Lynette have at first?

Ans: _____ [4

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43. A dining table costs $120 more than a sofa set.
3 identical dining tables and 2 identical sofa sets cost $3680.
How much does a sofa set cost?

Text

Ans: _____ [4]

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44. Samuel is 18 years old now.
His grandmother is 4 times his age.
What will be their total age 9 years from now?

Ans: _____ .[4

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45. Leslie had 8310 markers.
He packed them into packets of 5.

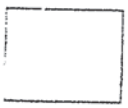
(a) How many packets of 5 markers did he pack?

(b) He packed all his markers into packets of 3. How many fewer packets of 5 markers than packets of 3 markers would he have?

Ans: (a) _____ [2]

(b) _____ [2]

THE END
HAVE YOU CHECKED YOUR WORK CAREFULLY?



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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 4
SCHOOL : ST. HILDA'S PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

SECTION A

Q1) 3

Q2) 1

Q3) 4

Q4) 2

Q5) 3

Q6) 1

Q7) 3

Q8) 3

Q9) 4

Q10) 1

Q11) 2

Q12) 3

Q13) 2

Q14) 1

Q15) 1

Q16) 3

Q17) 1

Q18) 3

Q19)4

Q20) 1

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Q21) 56909

Q22) 70000

Q23) 8, 16

Q24) 24 and 48

Q25) 3396

Q26) 5449

Q27) 326

Q28) 10

Q29) 5985

Q30) 2700 oranges

Q31) Quotient: 1626

Remainder: 4

Q32) $2200

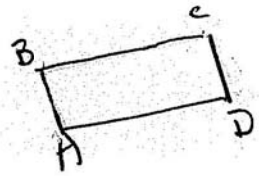
Q33) 6

Q34) 134°

Q35) 30cm

Q36) North

Q37)



Q38) 21366 points

Q39) 135

Q40) 8

Q41)$459

Q42) 102 game cards

Q43) $664

Q44) 108 years old

Q45) (a)1662 packets

(b)1108 fewer packets

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