ST. HILDA'S PRIMARY SCHOOL

Booklet A

SEMESTRAL ASSESSMENT 2 2019

PRIMARY 3 MATHEMATICS

(BOOKLET A)

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

Additional Materials: Optical Answer Sheet

Booklet A: 15 Multiple-Choice Questions (30 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 (OAS) provided.
5. The use of calculators is **NOT** allowed.

Name : _____

Index No.: _____ **Class: P3 /** _____ **Date : 30 October 2019**

Parent's Signature : _____

This booklet consists of 7 printed pages.

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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. (30 marks)

1 In which of the following numbers does the digit '**1**' have the greatest value?

(1) 1489
(2) 4618
(3) 7801
(4) 8193

2 What is the sum of 1784 and 3088?

(1) 4762
(2) 4772
(3) 4862
(4) 4872

3 9 groups of 6 is the same as _____.

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

4 How much more does the book cost than the pencil?



$13.80



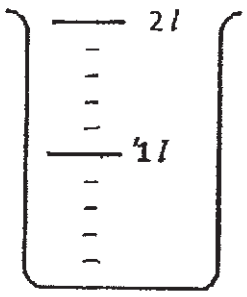
$3.60

(1) $9.20
(2) $9.80
(3) $10.20
(4) $17.40

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5 What is the volume of water in the beaker?



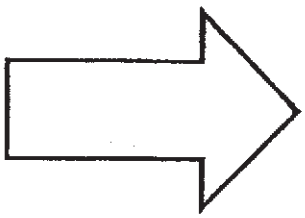
(1) 1 *l* 20 *ml*
(2) 1 *l* 40 *ml*
(3) 1 *l* 200 *ml*
(4) 1 *l* 400 *ml*

6 Find the missing denominator.

$$\frac{4}{8} = \frac{3}{\boxed{?}}$$

(1) 7
(2) 6
(3) 5
(4) 4

7 How many right angles are there inside the figure shown below?

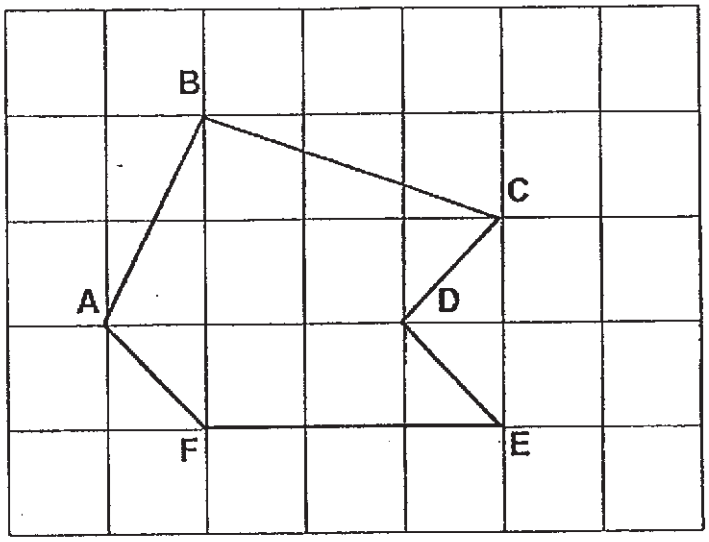


(1) 5
(2) 2
(3) 3
(4) 4

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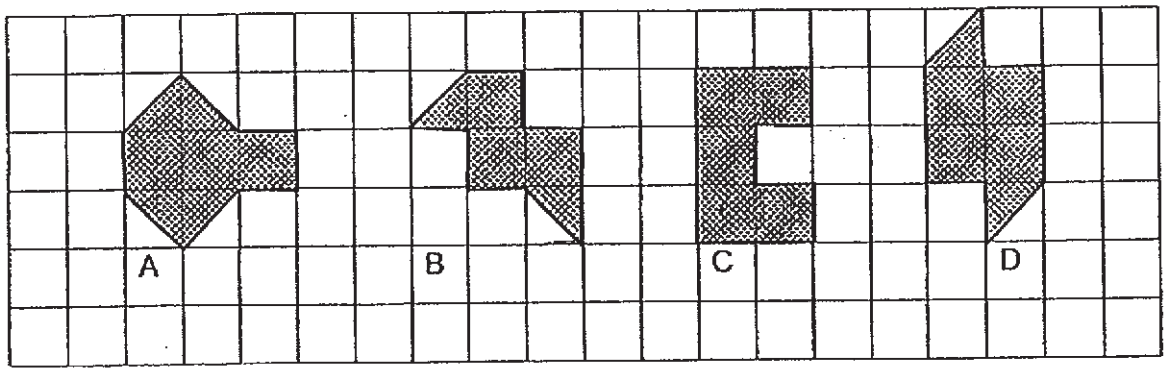
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8 Study the figure below.
Which one of the following pairs of lines are parallel to each other?



(1) AB and CD
(2) AB and BC
(3) AF and FE
(4) AF and DE

9 Which of the following figures **does not** have the same area as the rest?



(1) A
(2) B
(3) C
(4) D

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10 There are 35 hundreds and 3 tens in _____.

(1) 380
(2) 3503
(3) 3530
(4) 3800

11 Adnan wanted to give 28 marbles to each of his 9 classmates, but he was short of 12 marbles.
How many marbles did he have?

(1) 96
(2) 240
(3) 252
(4) 264

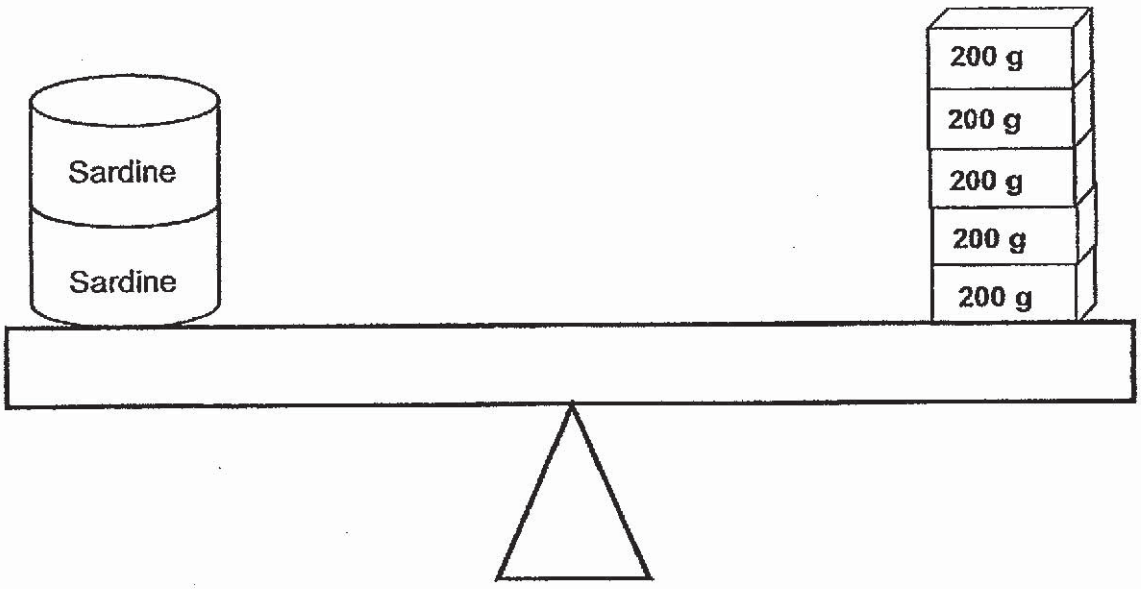
12 There are 70 cookies.
Betty packs 6 cookies into each box.
How many boxes are needed to pack all the cookies?

(1) 10
(2) 11
(3) 12
(4) 13

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13 Two cans of sardine having the same mass were placed on the balance shown below.
Find the mass of 1 can of sardine.



(1) 400 g
(2) 500 g
(3) 800 g
(4) 1000 g

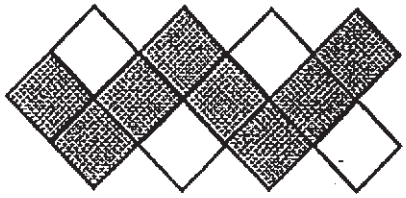
14 Mrs Chong attended a concert that lasted 2 h 25 min.
Express the duration of 2 h 25 min in minutes.

(1) 85 min
(2) 145 min
(3) 172 min
(4) 225 min

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15 What fraction of the figure is shaded?
Express your answer in the simplest form.



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

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

(3) $\frac{4}{12}$

(4) $\frac{8}{11}$

End of Booklet A
Proceed to Booklet B

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ST. HILDA'S PRIMARY SCHOOL

Booklet B

SEMESTRAL ASSESSMENT 2 2019

PRIMARY 3 MATHEMATICS

(BOOKLET B)

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

Booklet B: 21 Short Answer Questions (36 marks)
4 Long Answer Questions (14 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. Write your answers in this booklet.
5. The use of calculators is NOT allowed.

Name : _____

Index No.: _____ **Class: P3 /** _____ **Date : 30 October 2019**

Booklet A	**/ 30**
Booklet B	**/ 50**
Total	**/ 80**

Parent's Signature : _____

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Do not write in this space.

Questions 16 to 21 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (6 marks)

16 Write 8049 in words.

Ans : _____

_____

17 Study the number pattern shown below.
What is the missing number in the box?

2245, 2465, 2685, ? , 3125

Ans: _____

18 Find the difference between 364 and 5880.

Ans: _____

19 Find the product of 234 and 6.

Ans: _____

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Do not write in this space.

20 Jolene bought 4 magazines at $3.55.
She also bought a bag for $24.15.
How much did she spend altogether?

Ans: $ _____

21 Find the value of $\frac{4}{12} + \frac{1}{4}$.
Give your answer in the simplest form.

Ans: _____

Questions 22 to 36 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. (30 marks)

22 During a carnival, Raj sold 456 chicken nuggets in the morning.
He was then left with 1363 chicken nuggets to be sold.
How many chicken nuggets did he have at first?

Ans: _____

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23 Mrs Tan put 161 oranges equally into bags of 7 oranges each. How many bags of oranges would she get?

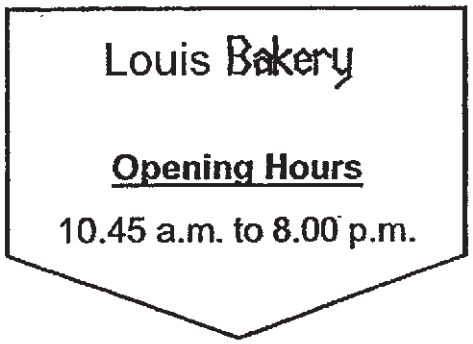
Ans: _____

24 Convert these distances into metres.

(a) 1 km 56 m = _____ m

(b) 2000 cm = _____ m

25 The signage below shows the daily opening hours of a bakery. How long is the bakery open each day?



Ans: _____ h _____ min

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26 Use the digits: 2, 3, 7 and 9 to form a 4-digit **even** number that is between 5000 and 9000.
The digit in the tens place is smaller than the digit in the hundreds place.
What is this number?

Ans: _____

---

27 Fred has 500 red and blue marbles.
He has 140 more red marbles than blue marbles.
How many blue marbles does Fred have?

Ans: _____

---

28 Eveyln bought some pencils.
She packed 8 pencils in a box.
After packing the pencils into 5 boxes, she had 4 pencils left.
How many pencils did she buy?

Ans: _____

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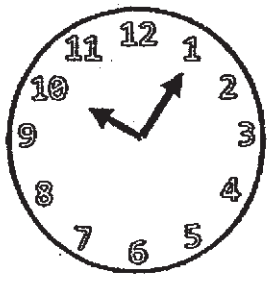
29 Find the quotient when 867 is divided by 4.

Ans: _____

30 Samuel has a total of 10 coins that add up to $3.80.
His coins are in 20¢ and 50¢ denominations.
How many 50¢ coins does he have?

Ans: _____

31 The clock shown below is 10 minutes faster than the actual time.
After 1 hour, what will be the actual time?



Ans: _____

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32 Arrange the fractions below from the smallest to the greatest.

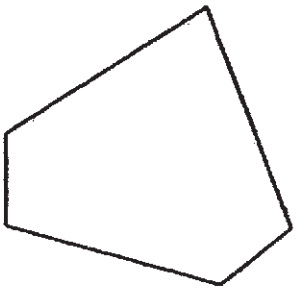
$\frac{5}{6}$ $\frac{3}{4}$ $\frac{1}{2}$

Ans: _____, _____, _____
smallest greatest

33 Jason wants to have $\frac{2}{3}\ell$ of juice but he only has $\frac{1}{6}\ell$.
How much more juice does he need?

Ans: _____

34 Study the figure shown below.
Mark out the angles inside the figure that are larger than a right angle?

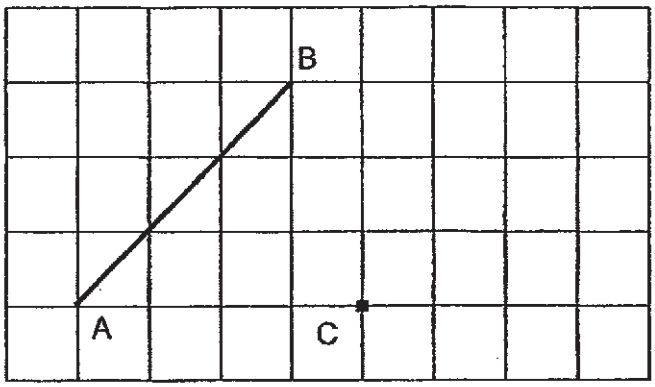


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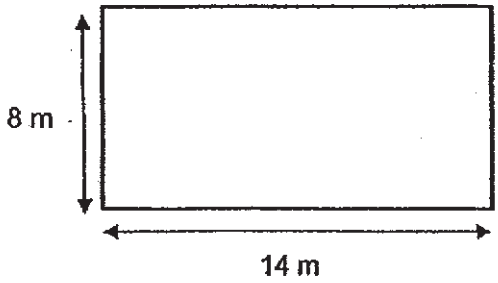
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35 In the grid below, draw a line perpendicular to the given line AB. The line must pass through point C.



36 Jonathan walked twice around his rectangular garden. How far did he walk?



Ans: _____ m

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For questions **37** to **40**, 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.

(14 marks)

37 The length of a string is three times the length of a ribbon.
The total length of the string and ribbon is 428 cm.

(a) How long is the ribbon?
Give your answer in metres and centimetres.

(b) How long is the string?
Give your answer in metres and centimetres.

Ans: (a) _____ [1]

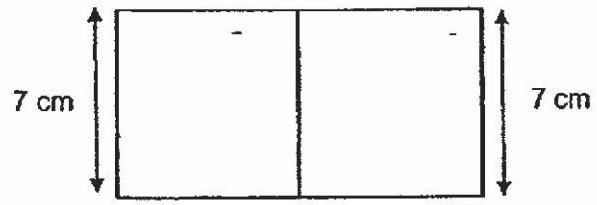
(b) _____ [2]

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38 The rectangle below is made up of two identical squares.



(a) What is the length of the rectangle?

(b) What is the area of the rectangle?

Ans: (a) _____ [1]

(b) _____ [2]

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39 Xavier scored 1042 points for a game.
He scored 180 points more than Yvonne.
Zac scored 344 points more than Yvonne.

(a) How many points did Yvonne score?

(b) How many points did Zac score?

Ans: (a) _____ [2]

(b) _____ [2]

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Do not write in this space.

40 In a toy shop, toy cars were packed in boxes of 3 for $5.
The shop owner had to pack 405 toy cars for Christmas sales.

(a) How many boxes of toy cars did he pack?

(b) How much did he collect from selling all the toy cars?

Ans: (a) _____ [2]

(b) _____ [2]

END OF PAPER

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LEVEL : PRIMARY
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

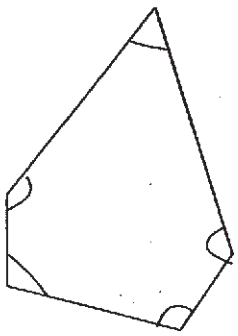
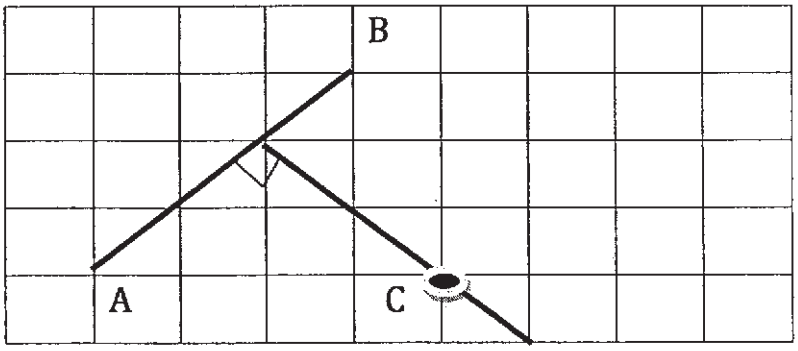
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	4	3	3	4	2	3	4	2	3
Q 11	Q12	Q13	Q14	Q15					
2	3	2	2	2					

BOOKLET B

Q16)	Eight thousand and forty-nine.
Q17)	$2685 + 220 = 2905$
Q18)	$5880 - 364 = 5516$
Q19)	$234 \times 6 = 1404$
Q20)	$\$24.15 + \$3.55 = \$27.70$
Q21)	$\frac{1}{4} \times 3 = \frac{3}{12}$ $\frac{3}{12} + \frac{4}{12} = \frac{7}{12}$
Q22)	$456 + 1363 = 1819$
Q23)	$161 \div 7 = 23$
Q24)	a)1km 56m = 1056m b)2000cm = 20

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Q25)	10.45am 4.45p.m 5.00p.m 8.00p.m 6h 15min 3h Ans : 9h 15min
Q26)	7932
Q27)	$500 - 140 = 360$ $360 \div 2 = 180$
Q28)	$8 \times 5 = 40$ $40 + 4 = 44$
Q29)	$867 \div 4 = 216$ R3 Ans : 3
Q30)	6
Q31)	10.55
Q32)	$\frac{1}{2}, \frac{3}{4}, \frac{5}{6}$
Q33)	$\frac{4}{6} - \frac{1}{6} = \frac{3}{6}$
Q34)	
Q35)	

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Q36)	$8 + 8 + 14 + 14 = 44$ $44 \times 2 = 88$
Q37)	a)$428 \div 4 = 107$ $107cm = 1m\ 7\ cn$ b)$107 \times 3 = 321$ $321cm = 3m\ 21cm$
Q38)	a)$7 \times 2 = 14$ b)$14 \times 7 = 98cm^2$
Q39)	a)$1042 - 180 = 862$ b)$862 + 344 = 1206$
Q40)	a)$405 \div 3 = 135$ b)$405 \div 3 = 135$ $135 \times 5 = \$675$

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