METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2018 PRIMARY 3 MATHEMATICS

(BOOKLET A)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Name:		()
Class:	Primary 3		. •
Date:	26 October 2018		

This booklet consists of 7 printed pages including this page.

Section A

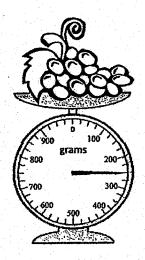
Questions 1 to 4 carry 1 mark each.

Questions 5 to 16 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet. (28 marks)

- 1 In 9 087, what does the digit 8 stand for?
 - (1) 8
 - (2) 80
 - (3) 800
 - (4) 8 000

2



What is the mass of the bunch of grapes shown above?

- (1) 200 g
- (2) 205 g
- (3) 250 g
- (4) 300 g
- What time is one hour before 7.30 p.m.?
 - (1) Half past 6 in the morning
 - (2) Half past 6 in the evening
 - (3) Half past 8 in the morning
 - (4) Half past 8 in the evening

4 What is the missing number in the blank?

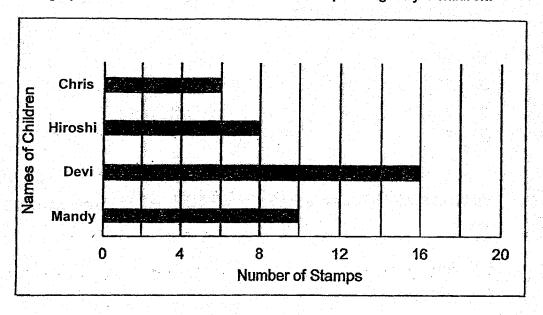
 $3+3+3+3+3+3+3=3\times$

- (1) 24
- (2) 21
- (3) 3
- (4) 7
- Which one of the following is the same as 3 thousands, 12 hundreds and 5 tens.
 - (1) 3 017
 - (2) 3 125
 - (3) 4 125
 - (4) 4 250
- 6 Find the number in the box.

- (1) 332
- (2) 331
- (3) 330
- (4) 328
- 7 Zaki had 3 258 marbles. He had 1 408 fewer marbles than Joseph. Find the total number of marbles they had.
 - (1) 1 850
 - (2) 4 666
 - (3) 5 108
 - (4) 7 924

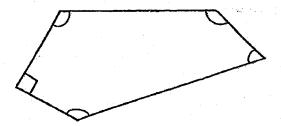
Refer to the graph to answer questions 8 and 9.

The graph below shows the number of 30¢ stamps bought by 4 children.



- 8 Which of the following children bought at least 10 stamps each?
 - (1) Hiroshi and Chris
 - (2) Hiroshi and Devi
 - (3) Mandy and Hiroshi
 - (4) Mandy and Devi
- 9 How much more did Hiroshi pay for his stamps than Chris?
 - (1) \$0.60
 - (2) \$1.80
 - (3) \$2.00
 - (4) \$2.40

10 How many of the marked angle is/are acute angle(s)?



- (1) 1
- (2) 2

1/2 z · ·

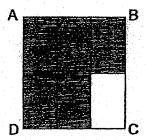
- (3) 3
- (4) 4

11 Complete the number pattern below.

4 985, 4 960 , 4 935 , ______ , 4 885

- (1) 4 900
- (2) 4 905
- (3) 4 9 1 0
- (4) 4 915

Square ABCD is made up of 2 identical rectangles.What fraction of the Square ABCD below is shaded?Give your answer in the simplest form.



- (1) $\frac{1}{4}$
- (2) $\frac{1}{2}$
- (3) $\frac{3}{4}$
- (4) $\frac{5}{6}$

After buying 7 pencils, Christina had \$6.20 left.

Each pencil was sold at \$2 each. How much money did she have at first?

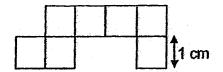
- (1) \$4.20
- (2) \$14.00
- (3) \$11.20
- (4) \$20.20

14 Which of the following is the greatest in volume?

- (1) 720 ml
- (2) 7 200 ml
- (3) 7 l 2 ml
- (4) 7 £ 20 m²

The figure below is made up of identical squares.

What is the area of the figure?



- (1) 7 cm²
- (2) 9 cm²
- (3) 12 cm²
- (4) 16 cm²
- Manish has 86 pens. Jonas has twice as many pens as Manish.

 Henry has three times as many pens as Manish. How many pens do the three boys have altogether?
 - (1) 172
 - (2) 258
 - (3) 430
 - (4) 516

Go on to Booklet B

医阴道性切迹 医二氏性 医多克氏 医多克氏 医多种性 医多克氏性炎 化多层性抗量	
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되었습니다 속으로 되는 일 때 가지가 하셨다. 하고요 하면 되는 것 같은 것이다. 그는 것 같	
우리님께 얼마 아이들이 그렇는 아이들은 위적 지었다면 나는 나는 사람이 하는데	AND
[10] 스타스 레이크 아이트 네트리스 아이트 등록한 모습니다. 저는 사람들이 되어 가는 것이 되었다.	
[[문문] [[대] [[문문]] [[대] [[대] [[대] [[대] [[
[발표하는 일본 학생 시간 시간 사람들이 다른 사람들은 사람들이 되었다. 그 나는 학생 학생들은 사람들이 되었다.	
[세 방이학 [전기 시민] 등 이 이 이 일과 [변호석], 하고 그리고 있는데 이 경기 되었다.	
하는 사람들이 가지 않는데 하지만 하는 생활을 받았다. 그 사람들이 되었다.	
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METHODIST GIRLS' SCHOOL (PRIMARY)

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END-OF-YEAR EXAMINATION 2018 PRIMARY 3 MATHEMATICS

(BOOKLET B)

Total Time

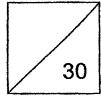
Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

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Answer all questions.

Name: _		()
Class:	Primary 3	
Date:	26 October 2018	



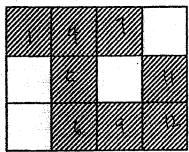
This booklet consists of 7 printed pages including this page.

17	3 847 = 3 000 + 7 + 7		
	What is the missing number in the box?		
		Ans:	
18	What is the smallest 4-digit number that ca	an be formed with these d	igits?
	5 4 0	9	
		Ans :	

20 Suzy had \$59.75. She spent \$12.30 on a pencil case. How much money had Suzy left?

Ans: \$____

21	What fraction of the figure below is shaded?
	Give your answer in the simplest form.



-		
Ans		
- MIR	S-40	

22		ind	the	sum	of 7	642	and	351.
	- 5	11 IU	1110	Suill	U1 1	V72	anu	JJ 1 .

Ans:			

A total of 228 pears are divided equally into 4 bags. How many pears are there in each bag? 23

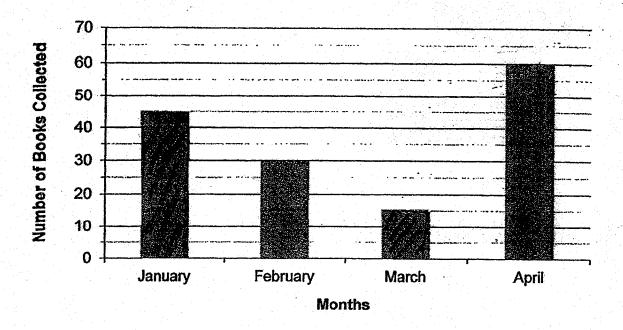
Ans:		
THIO.		

Arrange the following numbers from the greatest to the smallest. 24

i				
1	2 005	F 0.00	6 538	5 683
	3 685	5 863	0 000	J 003
			<u></u>	<u> </u>

Ans:,	 	
(greatest)		(smallest)

The graph below shows the number of books collected at a charity organisation from January to April. Study it carefully and answer question 25.



The total number of books collected in two months is 60.

Which are the two months?

Ans: _____ and ____

What is ?

Ans:

27 A music class started at 9 o'clock in the morning. It lasted for 90 minutes. At what time did the class end?

_			
Ans:			a.m.

The sum of two numbers is 50. The difference between the numbers is 18. What is the smaller number?

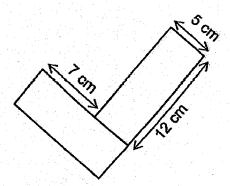
Ans:		

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

$$\frac{1}{3}$$
, $\frac{5}{6}$, $\frac{8}{12}$

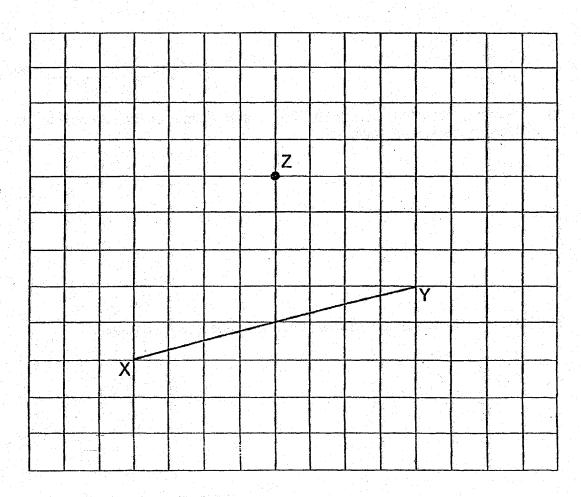
Ans:			,	
	(smallest)			(areatest)

The figure below is made up of two identical rectangles. What is the perimeter of the figure?



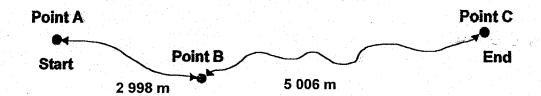
		- 1	
Ans:			 ~~~
7110.			 cm

31 Using a set-square and a ruler, draw a line parallel to XY passing through the Point Z.



The Tan family started their hike at Point A and ended their hike at Point C. How far did they hike from Point A to C?

Give your answer in kilometres and metres.



Ans:	km		n

33 Mrs Lim bought some eggs. She baked 8 cakes. She used 6 eggs to bake each cake and had 4 eggs left. How many eggs did she buy?

Ans:					

34 Mrs Davis wants to buy 34 oranges.
What is the least amount of money she needs to pay for the 34 oranges?



Ans: \$	
---------	--

	그런 사람들이 하는 그 그 전에 있는 가수 사용할 때 회장 그렇게 되었다. 그는 하는 사람들이 되었다고 살아왔다.
	사람들은 그리고 있는데 이렇게 할 때 회에 가는 사람들이 없었다.
	# 경영 다시 [^ 라
	사용 보고 있는 것이 되었다. 그런 사람들은 사람들이 되었다.
医大口氏性 医二甲基苯酚 建铁矿矿铁铁矿 等级	- 선생님, 경영 경우 아이들은 경기를 받는데 되었다.
	이 이렇다는 하나면 사고를 살고셨다면서 얼마를 살았다. 그는 이 이 이 이 이 이 나는
	그림 소리 보는 이렇다는 전환적을 바라 바쁜 사람이 되었다. 그 사람
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	살림이 그 아이는 아내다른테 얼마 하나 아니는 아니다.
	사이다. 그 어떤 이번 살아보고 못먹었다. 그 아니는 사람들은 이렇게
	원리 회사는 역대가 가장 병원 회사 학생들에게 한 사람들이 있다.
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METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2018 PRIMARY 3 MATHEMATICS

(BOOKLET C)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Name: _		(
Class:	Primary 3	· · · · · · · · · · · · · · · · · · ·	
Date:	26 October 2018	Bo)

Booklet A	/ 28
Booklet B	/ 30
Booklet C	/ 22
TOTAL	/ 80_

Parent's Signature:

This booklet consists of 7 printed pages including this page.

ctio	

For questions 35 to 40, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (22 marks)

35 There are 2 651 vanilla cupcakes at a bakery.

There are 539 more vanilla cupcakes than chocolate cupcakes.

- (a) How many chocolate cupcakes are there?
- (b) How many cupcakes are there altogether?

Ans:	(a)_	 _[1]
	a.s	[2]
	(b)	[2]

36 Mrs Lim has two bags of sugar. The first bag has 1 542 g of sugar.
After using 157 g of sugar from the first bag, there is still 852 g of sugar more in the first bag than in the second bag.

What is the mass of sugar in the second bag?

diam'r.

Ans: _____[3]

/On an in the manifestation

37 Lucy ate $\frac{1}{4}$ of a cake. Her brother ate $\frac{1}{12}$ of the same cake.

- (a) What fraction of the cake did they eat in all?
- (b) What fraction of the cake was left?

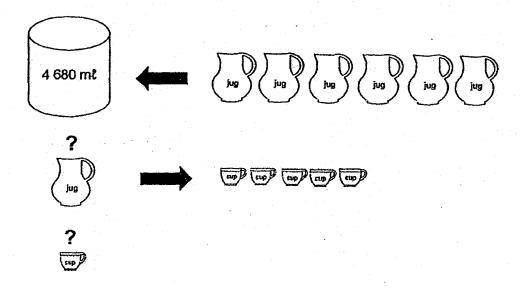
Give both answers in the simplest form.

Ans: (a	a)	ľ	2	
---------	----	---	---	--

- 38 Meera took 45 minutes to travel from her home to a supermarket. She spent 35 more minutes shopping at the supermarket than her travelling time. Meera finished shopping at 1.15 p.m.
 - (a) How long did she shop at the supermarket? (Give your answer in hours and minutes)
 - (b) At what time did she start shopping?

Ans:	(a)	· .	[2	1
	(L)		ŧ	^	,

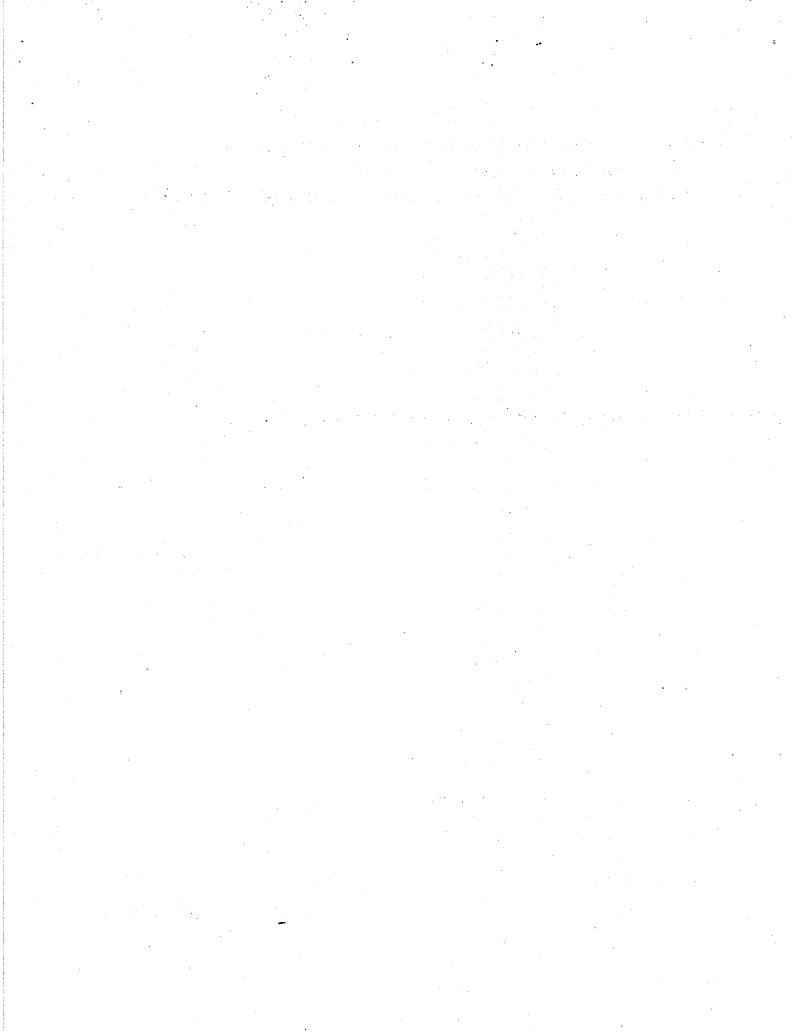
- The capacity of a container is 4 680 ml.6 identical jugs can fill a container completely.A jug can fill 5 identical cups completely.
 - (a) What is the capacity of each jug?
 - (b) What is the capacity of each cup?



Ans:	(a)	[2]
	(b)	[2]

40 Mrs Rajah packed a total of 38 kg of flour into 15 bags.The flour was packed into bags of 2 kg and 3 kg.How many bags of 2-kg flour and how many bags of 3 kg flour were there?

Ans: _____ bags of 2-kg flour bags of 3-kg flour [4]



EXAM PAPER 2018 (P3)

SCHOOL: MGS

SUBJECT: MATHEMATICS

TERM : SA2

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

18)4059

19)159

20)\$47.45

21)2/3

23)228
$$\div$$
 4 = 57

25)January and March

26)
$$\stackrel{\wedge}{\approx}$$
 = 1020 + 220 = 1240

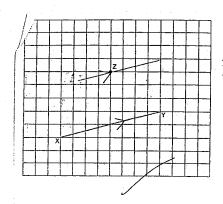
$$\diamondsuit = 1240 \div 4 = 310$$

27)10.30a.m.

$$28)50 - 18 = 32$$

$$32 \div 2 = 16$$

31)



32)
$$2998 + 5006 = 8 \text{ km } 4 \text{ m}$$

33)
$$6 \times 8 = 48$$
 (used eggs)

34)
$$34 \div 4 = 8 R2$$
 (8sets)

$$8 \times 3 = 24$$

$$8 \times 4 = 32$$

35) a)1 unit =
$$2651 - 539 = 2112$$

$$1542 - 1009 = 533g$$

37) a)
$$\frac{1}{4}$$
 + $\frac{1}{12}$ = $\frac{3}{12}$ + $\frac{1}{12}$ = $\frac{4}{12}$

$$38) a)45 + 35 = 80$$

$$1h = 60min$$

$$80min = 1h 20min$$

39) a)6 units =
$$4680$$

1 unit =
$$4680 \div 6 = 780$$

1 unit =
$$780 \div 5 = 156$$
ml

40)7 bags of 2-kg flour

8 bags of 3-kg flour

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