



FOR OFFICIAL USE

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National
Qualifications
2017

Mark

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X747/76/01**Mathematics Paper 1 (Non-Calculator)
Answer Booklet**

FRIDAY, 5 MAY

9:00 AM – 10:10 AM



* X 7 4 7 7 6 0 1 *

Fill in these boxes and read what is printed below.

Full name of centre

--

Town

--

Forename(s)

--

Surname

--

Number of seat

--

Date of birth

Day

--	--

Month

--	--

Year

--	--

Scottish candidate number

--	--	--	--	--	--	--	--	--

Write your answers clearly in the spaces provided in this booklet. The size of the space provided for an answer should not be taken as an indication of how much to write. It is not necessary to use all the space.

Additional space for answers is provided at the end of this booklet. If you use this space **you must clearly identify the question number** you are attempting.

Use **blue** or **black** ink.

Before leaving the examination room you must give this booklet to the Invigilator; if you do not you may lose all the marks for this paper.



* X 7 4 7 7 6 0 1 0 1 *

QUESTION
NUMBER

1.(a)

DO NOT
WRITE IN
THIS
MARGIN

1.(b)

2.



* X 7 4 7 7 6 0 1 0 2 *

QUESTION
NUMBER

3.

DO NOT
WRITE IN
THIS
MARGIN

4.



* X 7 4 7 7 6 0 1 0 3 *

QUESTION
NUMBER

5.(a)

DO NOT
WRITE IN
THIS
MARGIN

5.(b)

6.



* X 7 4 7 7 6 0 1 0 4 *

QUESTION
NUMBER

7.

DO NOT
WRITE IN
THIS
MARGIN

8.



* X 7 4 7 7 6 0 1 0 5 *

QUESTION
NUMBER

9.(a)

DO NOT
WRITE IN
THIS
MARGIN

9.(b)
(i)

9.(b)
(ii)



* X 7 4 7 7 6 0 1 0 6 *

QUESTION
NUMBER

10.(a)

DO NOT
WRITE IN
THIS
MARGIN



* X 7 4 7 7 6 0 1 0 7 *

QUESTION
NUMBER

10.(b)

DO NOT
WRITE IN
THIS
MARGIN



* X 7 4 7 7 6 0 1 0 8 *

QUESTION
NUMBER

11.

DO NOT
WRITE IN
THIS
MARGIN

12.



* X 7 4 7 7 6 0 1 0 9 *

QUESTION
NUMBER

13.

DO NOT
WRITE IN
THIS
MARGIN

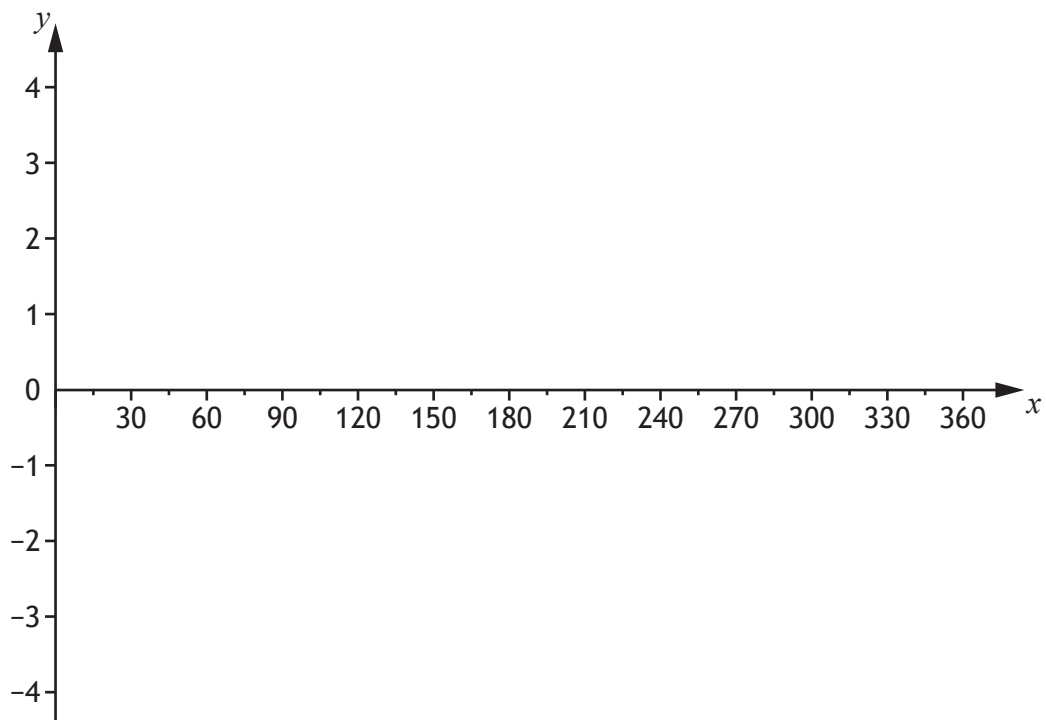
14.(a)



* X 7 4 7 7 6 0 1 1 0 *

14.(b)

An additional diagram, if required, can be found on Page 13.



* X 7 4 7 7 6 0 1 1 1 *

QUESTION
NUMBER

DO NOT
WRITE IN
THIS
MARGIN

15.(a)

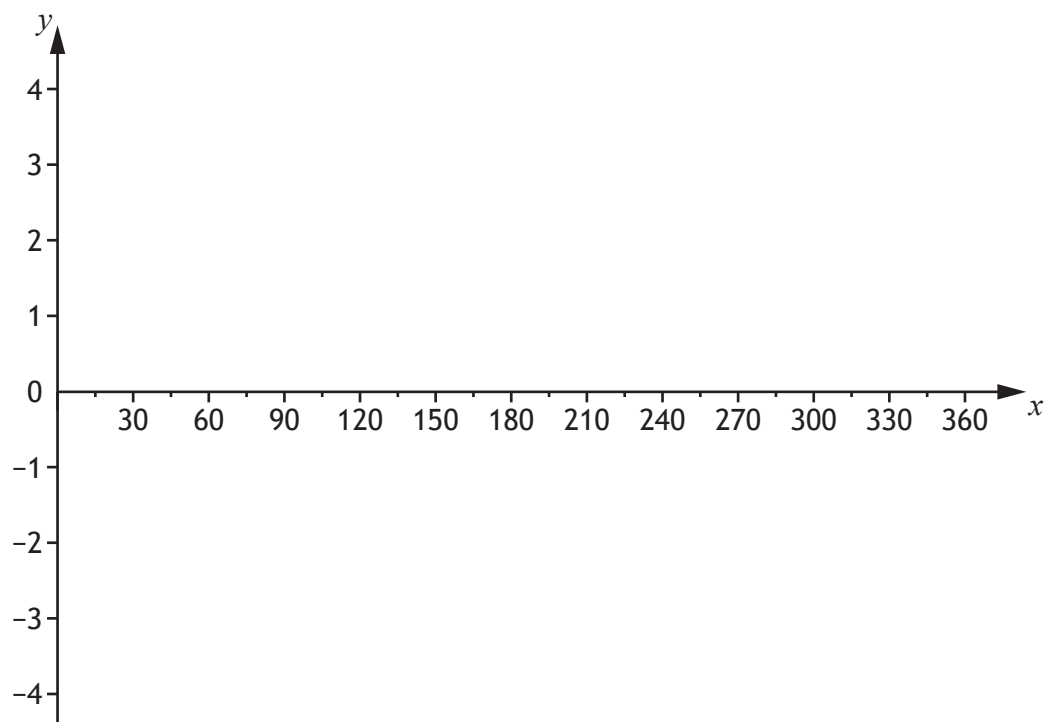
15.(b)

15.(c)



* X 7 4 7 7 6 0 1 1 2 *

Additional diagram for Question 14(b).



QUESTION
NUMBER

ADDITIONAL SPACE FOR ANSWERS

DO NOT
WRITE IN
THIS
MARGIN



* X 7 4 7 7 6 0 1 1 4 *

QUESTION
NUMBER

ADDITIONAL SPACE FOR ANSWERS

DO NOT
WRITE IN
THIS
MARGIN



* X 7 4 7 7 6 0 1 1 5 *

For Marker's Use		
Question No	Marks/Grades	

