



FOR OFFICIAL USE

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National
Qualifications
2021 ASSESSMENT RESOURCE

Mark

X847/77/01

**Mathematics Paper 1 (Non-calculator)
Answer booklet**



Duration — 1 hour



* X 8 4 7 7 7 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

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You must NOT use a calculator.

Write your answers clearly in the spaces provided in the answer booklet. The size of the space provided for an answer is not an indication of how much to write. You do not need to use all the space.

Additional space for answers is provided at the end of the answer 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 your answer booklet to the Invigilator; if you do not, you may lose all the marks for this paper.



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

QUESTION
NUMBER

1.(a)

DO NOT
WRITE IN
THIS
MARGIN

1.(b)



* X 8 4 7 7 7 0 1 0 2 *

QUESTION
NUMBER

2.(a)

DO NOT
WRITE IN
THIS
MARGIN

2.(b)



* X 8 4 7 7 7 0 1 0 3 *

QUESTION
NUMBER

3.

DO NOT
WRITE IN
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MARGIN



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

QUESTION
NUMBER

4.

DO NOT
WRITE IN
THIS
MARGIN



* X 8 4 7 7 7 0 1 0 5 *

QUESTION
NUMBER

5.

DO NOT
WRITE IN
THIS
MARGIN



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

QUESTION
NUMBER

6.(a)

DO NOT
WRITE IN
THIS
MARGIN

6.(b)



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

QUESTION
NUMBER

7.(a)
(i)

DO NOT
WRITE IN
THIS
MARGIN

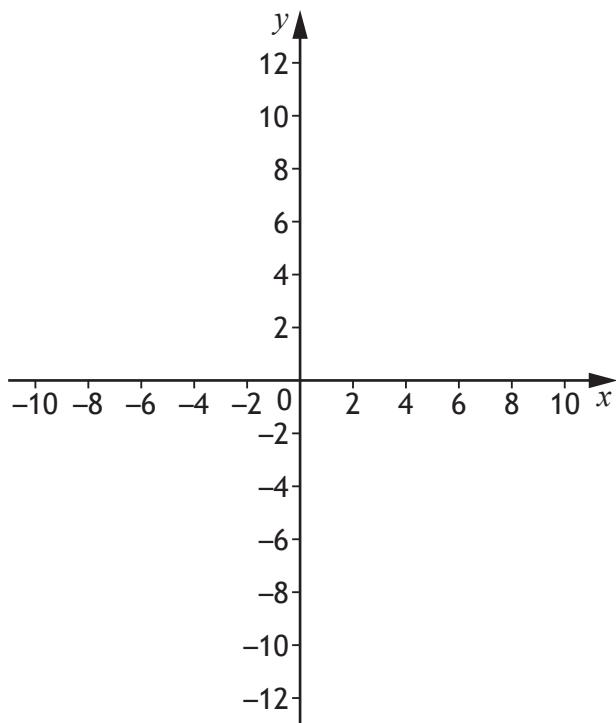
7.(a)
(ii)



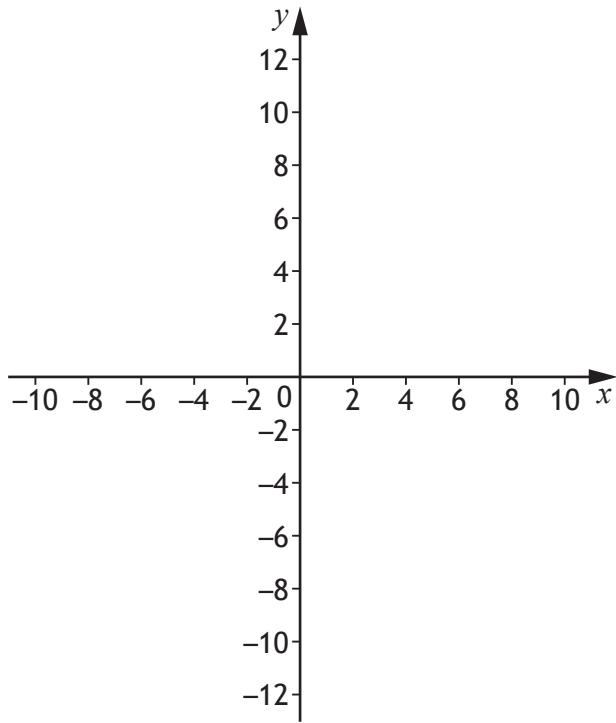
* X 8 4 7 7 7 0 1 0 8 *

7.(b)

An additional diagram, if required, can be found on page 12.

**7.(c)
(i)**

An additional diagram, if required, can be found on page 12.

**7.(c)
(ii)**

* X 8 4 7 7 7 0 1 0 9 *

QUESTION
NUMBER

8.

DO NOT
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* X 8 4 7 7 7 0 1 1 0 *

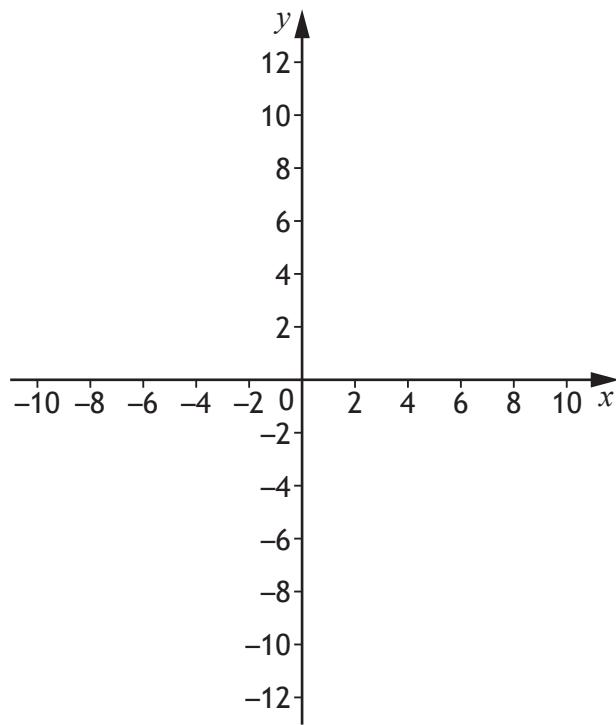
QUESTION
NUMBER

DO NOT
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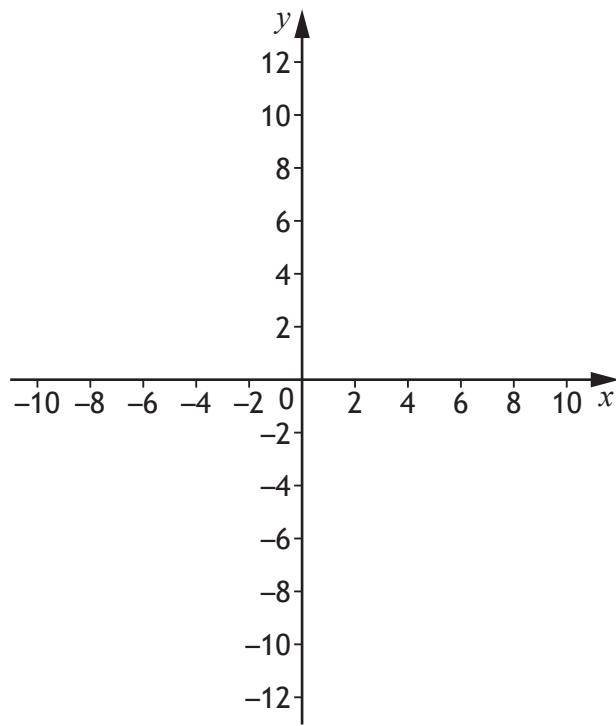


* X 8 4 7 7 7 0 1 1 1 *

Additional diagram for question 7(b)



Additional diagram for question 7(c)(i)



* X 8 4 7 7 7 0 1 1 2 *

ENTER
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OF
QUESTION

ADDITIONAL SPACE FOR ANSWERS

DO NOT
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* X 8 4 7 7 7 0 1 1 3 *

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ADDITIONAL SPACE FOR ANSWERS

DO NOT
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MARGIN



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

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OF
QUESTION

ADDITIONAL SPACE FOR ANSWERS

DO NOT
WRITE IN
THIS
MARGIN



* X 8 4 7 7 7 0 1 1 5 *



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