

FOR OFFICIAL USE



National  
Qualifications  
2021 ASSESSMENT RESOURCE

Mark

**X847/77/02**

## Mathematics Paper 2 Answer booklet

Duration — 2 hours



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 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.



QUESTION  
NUMBER

SECTION 1

DO NOT  
WRITE IN  
THIS  
MARGIN

1.

2.(a)

2.(b)



\* X 8 4 7 7 7 0 2 0 2 \*

QUESTION  
NUMBER

3.

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 0 3 \*

QUESTION  
NUMBER

4.(a)

DO NOT  
WRITE IN  
THIS  
MARGIN

4.(b)



\* X 8 4 7 7 7 0 2 0 4 \*

QUESTION  
NUMBER

5.(a)

DO NOT  
WRITE IN  
THIS  
MARGIN

5.(b)



\* X 8 4 7 7 7 0 2 0 5 \*

QUESTION  
NUMBER

6.

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 0 6 \*

QUESTION  
NUMBER

7.(a)

DO NOT  
WRITE IN  
THIS  
MARGIN

7.(b)



\* X 8 4 7 7 7 0 2 0 7 \*

QUESTION  
NUMBER

8.(a)

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 0 8 \*



QUESTION  
NUMBER

8.(b)

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 0 9 \*

QUESTION  
NUMBER

9.(a)

DO NOT  
WRITE IN  
THIS  
MARGIN

9.(b)



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

QUESTION  
NUMBER

DO NOT  
WRITE IN  
THIS  
MARGIN

[END OF SECTION 1]



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

QUESTION  
NUMBER

10.

SECTION 2 — Part A

DO NOT  
WRITE IN  
THIS  
MARGIN



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

QUESTION  
NUMBER

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 1 3 \*

QUESTION  
NUMBER

DO NOT  
WRITE IN  
THIS  
MARGIN

11.(a)  
(i)

11.(a)  
(ii)

11.(b)  
(i)

11.(b)  
(ii)



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

QUESTION  
NUMBER

11.(c)

DO NOT  
WRITE IN  
THIS  
MARGIN

11.(d)  
(i)

11.(d)  
(ii)

[END OF PART A]



QUESTION  
NUMBER

12.(a)

SECTION 2 — Part B

DO NOT  
WRITE IN  
THIS  
MARGIN

12.(b)



\* X 8 4 7 7 7 0 2 1 6 \*



QUESTION  
NUMBER

12.(c)  
(i)

DO NOT  
WRITE IN  
THIS  
MARGIN

12.(c)  
(ii)



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

QUESTION  
NUMBER

13.(a)

DO NOT  
WRITE IN  
THIS  
MARGIN

13.(b)

13.(c)



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

QUESTION  
NUMBER

13.(d)

DO NOT  
WRITE IN  
THIS  
MARGIN

13.(e)

[END OF SECTION 2]



\* X 8 4 7 7 7 0 2 1 9 \*

ENTER  
NUMBER  
OF  
QUESTION

## ADDITIONAL SPACE FOR ANSWERS

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 2 0 \*

ENTER  
NUMBER  
OF  
QUESTION

## ADDITIONAL SPACE FOR ANSWERS

DO NOT  
WRITE IN  
THIS  
MARGIN



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

ENTER  
NUMBER  
OF  
QUESTION

## ADDITIONAL SPACE FOR ANSWERS

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 2 2 \*

ENTER  
NUMBER  
OF  
QUESTION

## ADDITIONAL SPACE FOR ANSWERS

DO NOT  
WRITE IN  
THIS  
MARGIN



\* X 8 4 7 7 7 0 2 2 3 \*

