A

AQA

Surname _____

Forename(s) _____

Centre Number _____

Candidate Number _____

Candidate Signature _____
I declare this is my own work.

Functional Skills Level 1 MATHEMATICS

Paper 1   Non-Calculator

8361/1

Thursday 3 November 2022   Morning

Time allowed: 30 minutes

At the top of the page, write your surname and forename(s), your centre number, your candidate number and add your signature.
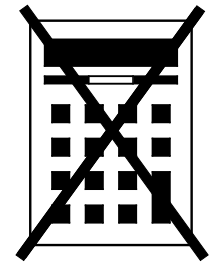
[Turn over]

MATERIALS

For this paper you must have:

- mathematical instruments.

You must NOT use a calculator.

INSTRUCTIONS

- Use black ink or black ball-point pen. Draw diagrams in pencil.

- Answer ALL questions.

- You must answer the questions in the spaces provided. Do not write on blank pages.

- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).

- Do all rough work in this book. Cross through any work you do not want to be marked.

- **State the units of your answer where appropriate.**

INFORMATION

- **The marks for questions are shown in brackets.**

- **The maximum mark for this paper is 20.**

- **You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.**

ADVICE

In all calculations, show clearly how you work out your answer.

DO NOT TURN OVER UNTIL TOLD TO DO SO

SECTION A

Answer ALL questions in the spaces provided.

1   Circle the value of 6^2 [1 mark]

   12   **8**   **3**   **36**

2   **Write in digits**
   three thousand four hundred and five.
   [1 mark]

   Answer _____

3   **Work out   60 – 21 ÷ 3   [1 mark]**

_____

_____

_____

_____

Answer _____

[Turn over]

4   **Draw the lines of symmetry on this rectangle. [1 mark]**
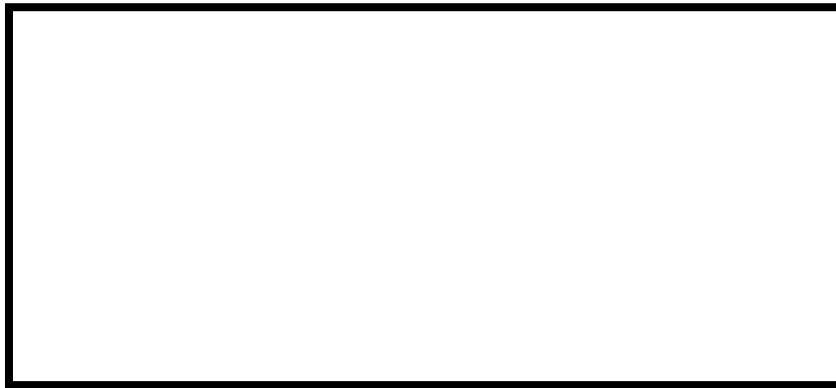
5   **You are given that   8 × 7 = 56**

Use this information to work out

560 ÷ 70

Circle your answer. [1 mark]

0.8   8   80   800

6 **Write these decimals in order, starting with the SMALLEST.**

0.22   **0.202**   **0.2**   **0.022**

[2 marks]

_____

_____

_____

Answer

_____ , _____ , _____ , _____

7 **Work out the range for these numbers.**

8   **11**   **14**   **15**   **16**   **16**   **18**

Circle your answer. [1 mark]

10   **14**   **15**   **16**

[Turn over]

8

SECTION B

Answer ALL questions in the spaces provided.

8 VIDEO BLOGGING

Jude uses a social media app to upload videos.

BLANK PAGE

[Turn over]

8 (a) One week, Jude uploaded 30 videos to the app.

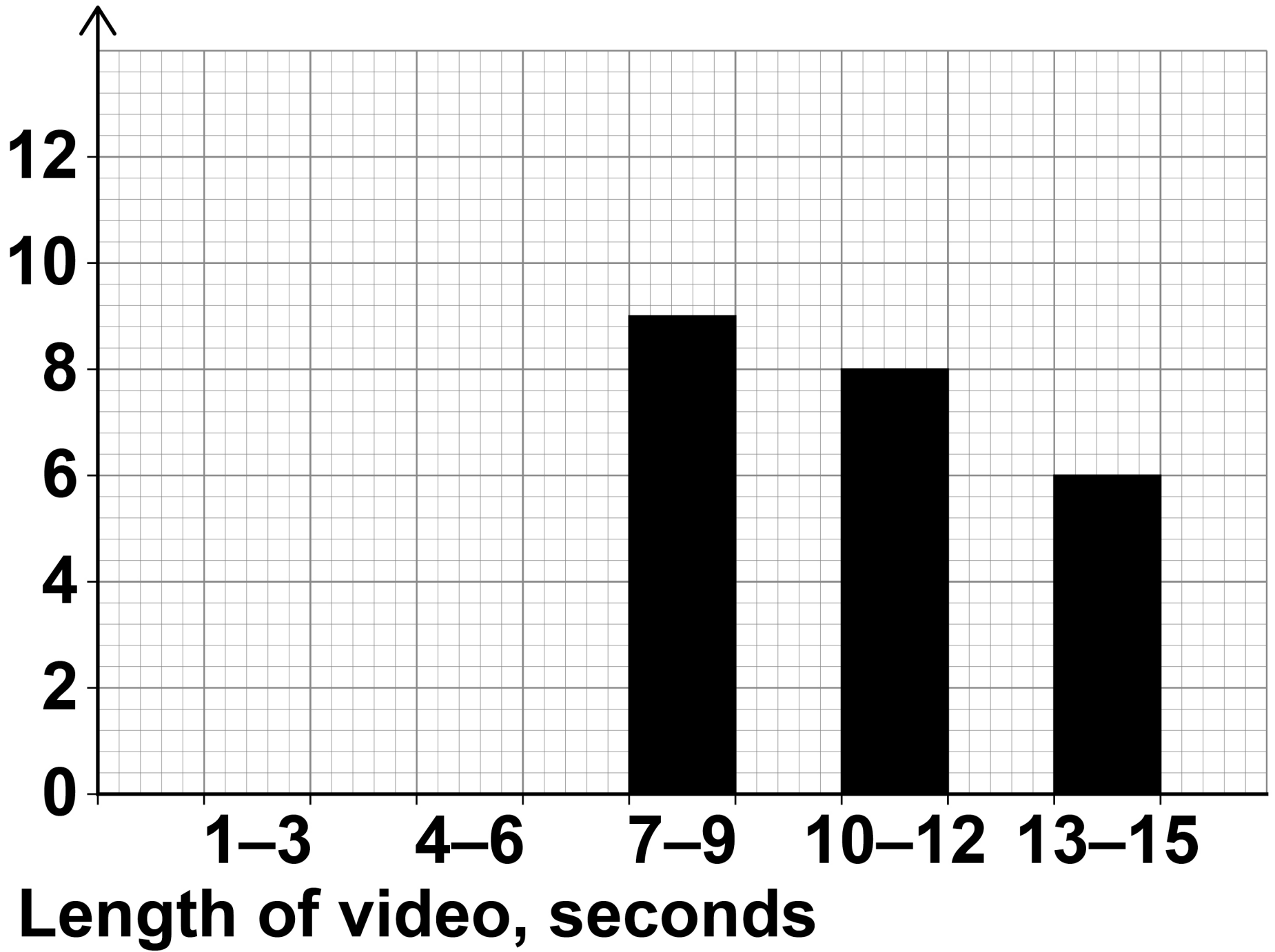The lengths of the videos were recorded to the nearest second.

There were twice as many from 10–12 seconds as there were from 4–6 seconds.

Complete the table AND bar chart using this information. The bar chart is on the opposite page.
[4 marks]

LENGTH OF VIDEO, SECONDS	FREQUENCY
1–3	
4–6	
7–9	9
10–12	
13–15	6

Frequency

Length of video, seconds

[Turn over]

'Coins' can be bought on this app.

The coins can be used to buy emojis to show approval of videos.

8 (b) This week there is a 20% discount on coins.

Before the discount, 10 000 coins cost £80

Work out the total cost of 30 000 coins after the discount. [4 marks]

_____

_____

_____

_____

_____

_____

Answer £ _____

8 (c) One of Jude's videos receives

60 ♥ emojis worth 5 coins each

40 ★ emojis worth 10 coins each

The app keeps $\dfrac{1}{5}$ of the coins.

Jude earns the rest of the coins.

Work out the number of coins Jude earns from this video. [4 marks]

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Answer _____

END OF QUESTIONS

$\overline{12}$

Additional page, if required.
Write the question numbers in the left-hand margin.

**Additional page, if required.
Write the question numbers in the
left-hand margin.**

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For Examiner's Use	
Question	Mark
1–7	
8	
TOTAL	

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