AQA

Functional Skills Level 1
MATHEMATICS
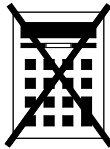
Paper 1 Non-Calculator

Thursday 3 November 2022　　Morning　　Time allowed: 30 minutes

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 outside the box around each page or 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.

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

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 $60 - 21 \div 3$

[1 mark]

_____

_____

_____

Answer _____

4 Draw the lines of symmetry on this rectangle.

[1 mark]
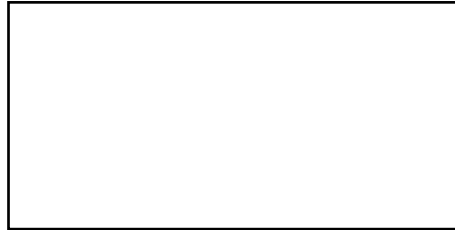
5 You are given that $8 \times 7 = 56$

Use this information to work out

$$560 \div 70$$

Circle your answer.

[1 mark]

0.8   8   80   800

Turn over for the next question

Turn over ▶

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

8

Section B

Answer **all** questions in the spaces provided.

8   **Video Blogging**

Jude uses a social media app to upload videos.

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.

[4 marks]

Length of video, seconds	Frequency
1–3	
4–6	
7–9	9
10–12	
13–15	6
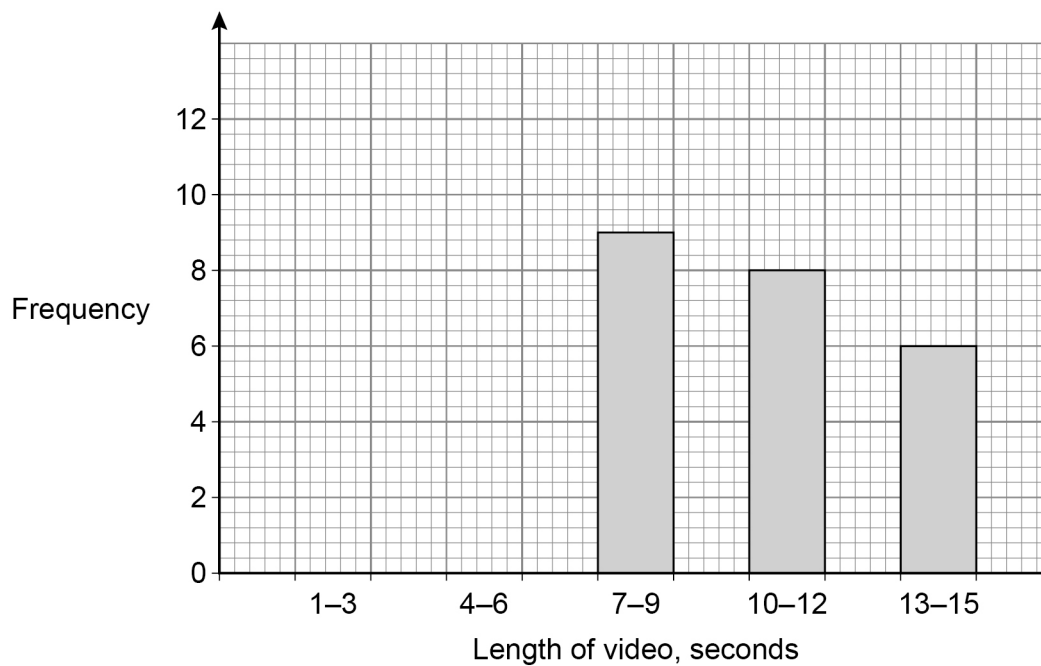
Question 8 continues on the next page

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 _____

12

END OF QUESTIONS

There are no questions printed on this page

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ANSWER IN THE SPACES PROVIDED

Question number	Additional page, if required. Write the question numbers in the left-hand margin.
09	

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

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

There are no questions printed on this page

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Do not write outside the box

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