AQA

Functional Skills Level 1
MATHEMATICS
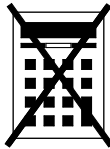
Paper 1 Non-Calculator

Tuesday 28 February 2023   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
1–6	
7	
TOTAL	

Section A

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

1 Work out $-12 - 17$

Circle your answer.

[1 mark]

−5	5	−29	29

2 Write the number 256 701 in words.

[1 mark]

_____

_____
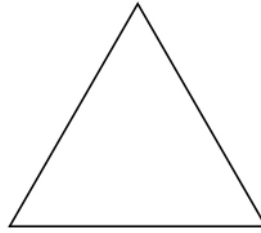
3 Work out 0.3×0.6

[1 mark]

_____

_____

Answer _____

4 Draw **all** the lines of symmetry on this equilateral triangle.

[1 mark]

5 Work out $(35 + 4) - (7 - 2)$

[2 marks]

Answer _____

6 Work out $\dfrac{5}{8} \times 24$

[2 marks]

Answer _____

Turn over ▶

Section B

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

7   **Festival**

Emily is going to a festival in Wickslow.

7 (a)   Tickets for the festival are for sale on these websites.

<table>
<tr><td>

Ticketz Direct

Tickets – £28 per day

Special offer

Buy two days get second day half price

</td><td>

AtoZ Tickets

Tickets – were £26 per day

Special offer

Now reduced by 20%

</td></tr>
</table>

Emily wants to buy tickets for herself for **two** days.

Which website should she use to get the cheaper tickets, Ticketz Direct or AtoZ Tickets? You **must** show your working.

[6 marks]

7 (b) Emily is going to get the train from Hanston station to Wickslow station.

Here are the train times.

Leaves Hanston station	08:30	08:56	09:02
Arrives at Wickslow station	09:20	09:45	09:50

Emily wants to get to the festival by 10 am

She needs to leave home at least 7 minutes before the train leaves.

It takes 12 minutes to get from Wickslow station to the festival.

What is the **latest** time Emily can leave home?

[3 marks]

Answer _____

Question 7 continues on the next page

Turn over ▶

7 (c) Emily meets up with some friends at the festival.

Emily and her friends each buy some food.

Here are the amounts each person spends on food.

| £16 | £24 | £27 | £17 | £23 | £19 |

Emily says,

"On average we each spent £22 on food."

Is Emily correct?
You **must** show your working.

[3 marks]

_____

_____

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_____

_____

_____

_____

12

END OF QUESTIONS

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ANSWER IN THE SPACES PROVIDED

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

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

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