AQA

Functional Skills Level 1
MATHEMATICS

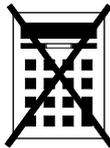Paper 1 Non-Calculator

Monday 13 January 2020   Morning   Time allowed: 30 minutes

Materials

For this paper you must have:
* mathematical instruments.
You must **not** use a calculator.

For Examiner's Use	
Question	Mark
1–6	
7	
TOTAL	

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.

Section A

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

1 Circle the smallest number.

[1 mark]

7.094   7.102   7.036   7.04

2 Write in words 10 324

[1 mark]

_____

_____

3 Work out the range of these numbers.

2   4   4   5   6   9

[1 mark]

_____

Answer _____

4 Work out $718.6 \div 100$
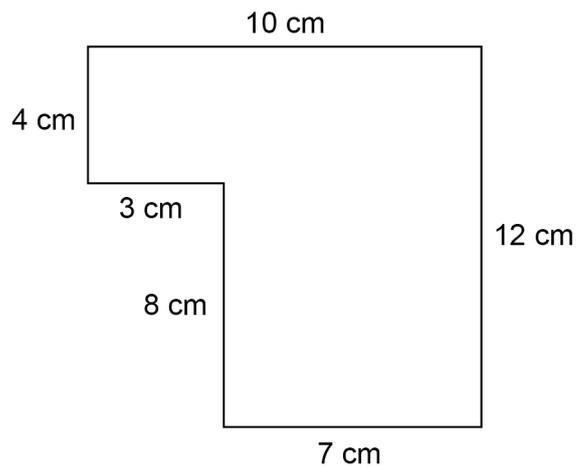
[1 mark]

_____

Answer _____

5 By rounding each number, estimate the answer to 9.8×4.1

You **must** show your working.

[2 marks]

Answer _____

6 Here is an L-shape.

10 cm

Not drawn accurately

4 cm

3 cm

12 cm

8 cm

7 cm

Work out the perimeter of the L-shape.

[2 marks]

Answer _____ cm

8

Turn over ▶

03

Section B

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

7   **Birthday party**

Carly is shopping for things for her son's birthday party.

7 (a)   Carly is buying paper plates and paper cups.

Plates cost £1.50 for a pack of 8

Cups cost £1.20 for a pack of 6

Carly wants 40 plates and 24 cups.

Carly says,

"The total cost will be less than £12"

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

[5 marks]

_____

_____

_____

_____

_____

_____

7 (b)   Carly will give each child a bag of sweets.

She buys a 1 kilogram box of sweets.

She puts 50 grams of sweets into each bag.

How many bags can she fill from the 1 kilogram box of sweets?

[3 marks]

Answer _____

7 (c)   Carly makes a drink by mixing orange juice and water in the ratio 1 : 6

She uses 2 litres of orange juice.

How many litres of the drink does she make?

[2 marks]

Answer _____

Question 7 continues on the next page

Turn over ▶

7 (d) Carly wants to hire a hall for the party.

The charge for hiring the hall is worked out using this formula.

Charge = £50 + £30 × number of hours it is hired for

Carly is charged £140 for hiring the hall.

For how many hours does she hire the hall?

[2 marks]

Answer _____

12

END OF QUESTIONS

There are no questions printed on this page

**DO NOT WRITE ON THIS PAGE
ANSWER IN THE SPACES PROVIDED**

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

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