AQA

Please write clearly in block capitals.

Centre number ☐☐☐☐☐   Candidate number ☐☐☐☐

Surname _____

Forename(s) _____

Candidate signature _____

Functional Skills Level 1 MATHEMATICS (8361)
Paper 1   Non-Calculator Paper

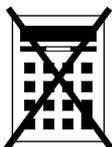Time allowed: 30 minutes

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.
* 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.

8361/1

There are no questions printed on this page

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

Section A

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

1   Work out 1.2×100

Circle your answer.

[1 mark]

           1.200   100.2   120   1200
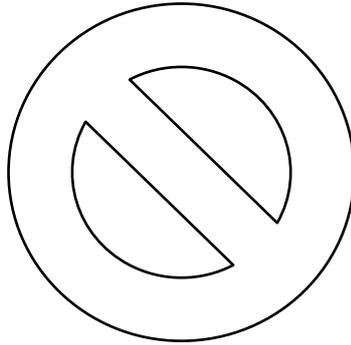
2   Write in digits   thirty two thousand

[1 mark]

_____

_____

           Answer _____

Turn over for the next question

2

Turn over ▶

3 Draw **all** the lines of symmetry on this shape.

[1 mark]

4 Work out   7.28 ÷ 4

[1 mark]

Answer _____

5 Here are five numbers

4   5   9   16   16

Work out the range.

[1 mark]

Answer _____

6   Work out   25% of 76

[1 mark]

Answer _____

7   Work out $15 + 35 \div 5$

[2 marks]

Answer _____

Turn over for Section B

Section B

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

8   Garden design

Erin runs a gardening company.

A customer has asked Erin to design and build a new garden.

The garden will be a rectangle measuring 11 metres by 9 metres.

8 (a)   Here is a list of what the customer wants in the garden.

A paved area

- 2 m by 2 m square
- in one corner

A hedge
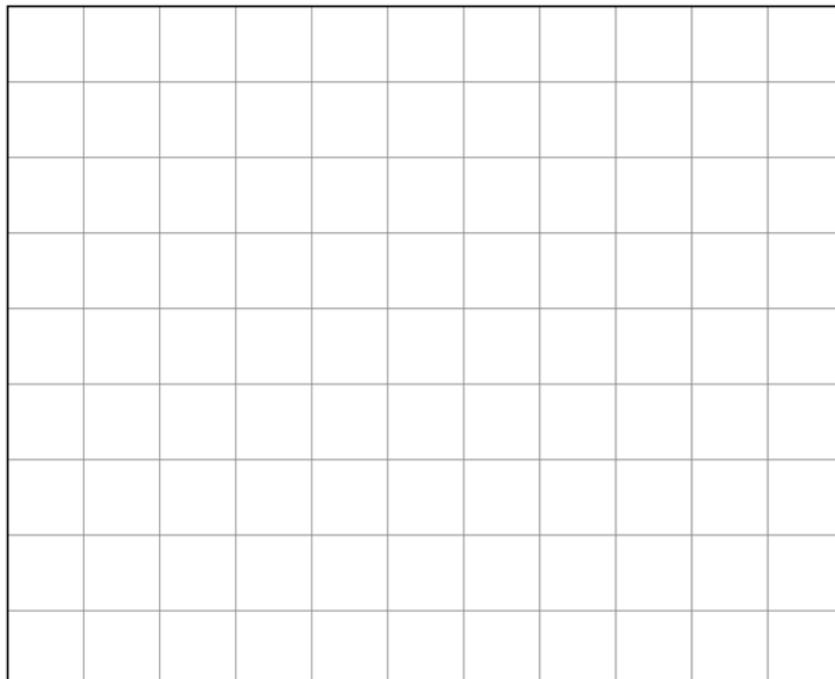
- 6 m by 1 m rectangle
- along one edge

A flower bed

- a circle with a radius of 3 m

On the scale diagram below show a possible design for the garden.

[3 marks]

Scale: 1 cm represents 1 m

8 (b) The table shows the amounts that Erin charges the customer.

	Charge
Designing the garden	£49.99
Materials	£62.73
Building the garden	£10 per square metre

How much does she charge altogether?

[4 marks]

Answer £ _____

8 (c) It will take 48 hours of work to complete the garden.

The garden must be finished in 3 days.

Each gardener works for 8 hours per day.

How many gardeners are needed?

[2 marks]

Answer _____

Question 8 continues on the next page

9

Turn over ▶

8 (d) The paved area is a square with sides 2 m long.

The paving stones for this area are squares that measure 50 cm by 50 cm

How many paving stones are needed?

[3 marks]

Answer _____

3

END OF QUESTIONS