

#### Cambridge International Examinations

Cambridge International General Certificate of Secondary Education

CANDIDATE NAME		
CENTRE NUMBER	CANDIDATE NUMBER	

Paper 3 (Core)

MATHEMATICS

0580/31

May/June 2015

2 hours

Candidates answer on the Question Paper.

Electronic calculator Additional Materials:

Geometrical instruments

Tracing paper (optional)

#### READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

DO NOT WRITE IN ANY BARCODES.

Answer all questions.

If working is needed for any question it must be shown below that question.

Electronic calculators should be used.

If the degree of accuracy is not specified in the question, and if the answer is not exact, give the answer to three significant figures. Give answers in degrees to one decimal place.

For n, use either your calculator value or 3.142.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [ ] at the end of each question or part question.

The total of the marks for this paper is 104.

The syllation is approved for use in England, Water and Northern Instant as a Cambridge International Level 1A-end 2 Cartificate.

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