

IGCSE MATHS

0580/22

PAPER 2

October November-22

Full Solution

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MATHEMATICS

Paper 2 (Extended)

0580/22

October/November 2022

1 hour 45 minutes

You must answer on the question paper.

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Solved

INSTRUCTIONS

- Answer all questions.
- Use a pencil on both sides only. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answers in your candidate's name in the spaces provided.
- Do not use an erasable pen or correction fluid.
- Do not write on any bar codes.
- Any rough work should be done on separate paper.

1. The diagram shows the number of items in a box at regular intervals.

(a) Find the number of items in the box at 10.00. (4 marks)

(b) Express the number of items in the box at 10.00 as a fraction in its simplest form. (2 marks)

2. The diagram shows three triangles, A, B and C.

(a) Find the size of the angle x . (2 marks)

(b) Find the size of the angle y . (2 marks)

3. The table shows the number of items in a box at regular intervals.

Time	Number of items
0.00	10
1.00	15
2.00	20
3.00	25
4.00	30

(a) Find the number of items in the box at 10.00. (4 marks)

(b) Express the number of items in the box at 10.00 as a fraction in its simplest form. (2 marks)

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S. A. I. Gopal SUNKARA



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