

IGCSE MATHS

0580/22

PAPER 2

October November-22

Full Solution

Cambridge IGCSE™

Candidate
name

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number

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number

MATHEMATICS

Paper 2 (Extended)

0580/22

October/November 2022

1 hour 45 minutes

You must answer on the question paper.

For help, visit: [Cambridge International](https://www.cambridgeinternational.org)

Solved

INSTRUCTIONS

- Answer all questions.
- Use a pencil in both hand parts. 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 to each question 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 of 100 items, each of which is either a red or a blue item.

(a) Find the number of red items in the box. **Answer: 32** (2 marks)

(b) Find the number of blue items in the box. **Answer: 68** (2 marks)

2. The diagram shows the number of items in a box of 100 items, each of which is either a red or a blue item.

(a) Find the number of red items in the box. **Answer: 32** (2 marks)

(b) Find the number of blue items in the box. **Answer: 68** (2 marks)

3. The table shows the number of items in a box of 100 items, each of which is either a red or a blue item.

Number of items	Number of items
10	10
20	20
30	30
40	40

Find the number of items in the box.

Answer: 100

Working:

$10 + 20 + 30 + 40 = 100$

Answer: 100

Working:

$10 + 20 + 30 + 40 = 100$

Answer: 100

Working:

$10 + 20 + 30 + 40 = 100$

Answer: 100

Working:

$10 + 20 + 30 + 40 = 100$

Answer: 100

Working:

$10 + 20 + 30 + 40 = 100$

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Karen Morrison, Nick Hamshaw



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