

# IGCSE MATHS

0580/22

PAPER 2

October November-22

Full Solution

## Cambridge IGCSE™

Candidate  
name

Candidate  
number

Candidate  
number

MATHEMATICS

Paper 2 (Extended)

0580/22

October/November 2022

1 hour 30 minutes

You must answer on the question paper.

For help, read: General Instructions

**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. The number of items in each box is given in the table.

Box	1	2	3	4	5	6	7	8	9	10
Number of items	1	2	3	4	5	6	7	8	9	10

(a) Find the probability that a box chosen at random contains 4 items.

(b) Find the probability that a box chosen at random contains 4 or more items.

(c) Find the probability that a box chosen at random contains 4 or more items, given that it contains 4 or more items.

(d) Find the probability that a box chosen at random contains 4 or more items, given that it contains 4 or more items.

2. The table shows the number of items in each box.

Box	1	2	3	4	5	6	7	8	9	10
Number of items	1	2	3	4	5	6	7	8	9	10

(a) Find the probability that a box chosen at random contains 4 or more items.

(b) Find the probability that a box chosen at random contains 4 or more items, given that it contains 4 or more items.

(c) Find the probability that a box chosen at random contains 4 or more items, given that it contains 4 or more items.

(d) Find the probability that a box chosen at random contains 4 or more items, given that it contains 4 or more items.

# Math Igcse Paper 21 November 2013 058

**Ying-Ying Zheng**



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## Whispering the Secrets of Language: An Psychological Quest through **Math Igcse Paper 21 November 2013 058**

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