

# 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 45 minutes

You must answer on the question paper.

For use with: Calculator (non-programmable)

**Solved**

### INSTRUCTIONS

- Answer all questions.
- Use a pencil in this test paper. 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 at regular intervals.

(a) Find the gradient of the line.

(b) Find the number of items in the box at time 5.

(c) Find the number of items in the box at time 10.

(d) Find the number of items in the box at time 15.

(e) Find the number of items in the box at time 20.

(f) Find the number of items in the box at time 25.

(g) Find the number of items in the box at time 30.

(h) Find the number of items in the box at time 35.

(i) Find the number of items in the box at time 40.

(j) Find the number of items in the box at time 45.

(k) Find the number of items in the box at time 50.

(l) Find the number of items in the box at time 55.

(m) Find the number of items in the box at time 60.

(n) Find the number of items in the box at time 65.

(o) Find the number of items in the box at time 70.

(p) Find the number of items in the box at time 75.

(q) Find the number of items in the box at time 80.

(r) Find the number of items in the box at time 85.

(s) Find the number of items in the box at time 90.

(t) Find the number of items in the box at time 95.

(u) Find the number of items in the box at time 100.

### 2. The table shows the number of items in a box.

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

Find the

mean of the

items in the

box.

Find the

standard deviation

of the items

in the box.

Find the

variance of the

items in the

box.

Find the

coefficient of

variation of the

items in the

box.

# November 2012 42 Math

**D S Hira**



**November 2012 42 Math:**

## The Enigmatic Realm of **November 2012 42 Math**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **November 2012 42 Math** a literary masterpiece penned by way of a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those who partake in its reading experience.

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