

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 help, read: General Instructions

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.

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

(a) Find the area of triangle A.

(b) Find the area of triangle B.

(c) Find the area of triangle C.

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

Number of items	Frequency
1	1
2	2
3	3
4	4
5	5

Find the mean.

$$\text{Mean} = \frac{1 \times 1 + 2 \times 2 + 3 \times 3 + 4 \times 4 + 5 \times 5}{1 + 2 + 3 + 4 + 5}$$
$$= \frac{1 + 4 + 9 + 16 + 25}{15}$$
$$= \frac{55}{15}$$
$$= 3 \frac{2}{3}$$

4. The diagram shows a right-angled triangle ABC.

(a) Find the area of triangle ABC.

(b) Find the length of the line segment from C to the midpoint of AB.

November 2013 Math Igcse Papers 0580

Karen Morrison, Nick Hamshaw



November 2013 Math Igcse Papers 0580:

Cambridge IGCSE® Mathematics Core and Extended Coursebook Karen Morrison, Nick Hamshaw, 2018-03-15 This Cambridge IGCSE Mathematics Core and Extended series has been authored to meet the requirements of the Cambridge IGCSE Mathematics syllabus 0580 0980 for first examination from 2020 This second edition of Cambridge IGCSE Mathematics Core and Extended Coursebook offers complete coverage of the Cambridge IGCSE Mathematics 0580 0980 syllabus It contains detailed explanations and clear worked examples followed by practice exercises to allow students to consolidate the required mathematical skills The coursebook offers opportunities for checking prior knowledge before starting a new chapter and testing knowledge with end of chapter and exam practice exercises Core and Extended materials are presented within the same book and are clearly signposted to allow students to see the range of mathematics required for study at this level Answers are at the back of the book *Cambridge IGCSE Mathematics Core and Extended Coursebook with CD-ROM* Karen Morrison, Nick Hamshaw, 2015-12-03 Revised edition of the IGCSE Mathematics Core and Extended Coursebook for the 0580 syllabus for examination from 2015 *IGCSE Mer Merlyn*, 2015-08-27 Buku IGCSE ini merupakan aplikasi dari pelajaran matematika yang berbasis di University of Cambridge Berisi kumpulan soal lengkap dengan kunci jawaban Memudahkan para siswa dalam menghadapi pelajaran matematika Semoga buku ini bisa menjadi jembatan bagi para siswa yang ingin menguasai mata pelajaran matematika dengan baik **CAMBRIDGE IGCSE MATHEMATICS [0580] FULLY SOLVED PAST PAPER 2 And 4 -EXTENDED [VARIANT 2]** S. A. I. Gopal SUNKARA, 2019-05-13 CAMBRIDGE IGCSE MATHEMATICS 0580 FULLY SOLVED PAST PAPER 2 4 EXTENDED VARIANT 2 VERY USEFUL FOR O LEVEL STUDENTS OF ALL VARIANTS DETAILED AND STEP BY STEP SOLUTIONS VERY HELPFUL TOOL FOR REVISION CONTAINS PAPERS FROM 2011 TO 2019 JUNE 2019 INCLUDED

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