Cambridge Essentials

Mathematics

Peter Sherran

Core 7

CAMBRIDGE
UNIVERSITY PRESS

NOTICE TO TEACHERS
It is illegal to reproduce any part of this book in material form (including photocopying and electronic storage) except under the following circumstances:

(i) where you are abiding by a licence granted to your school or institution by the Copyright Licensing Agency;

(ii) where no such licence exists, or where you wish to exceed the terms of a licence, and you have gained the written permission of Cambridge University Press;

(iii) where you are allowed to reproduce without permission under the provisions of Chapter 3 of the Copyright, Designs and Patents Act 1988, which covers, for example, the reproduction of short passages within certain types of educational anthology and reproduction for the purposes of setting examination questions.

The CD-ROM at the back of this book is provided on the following terms and conditions:

- The CD-ROM is made available for the use of current teachers and students within a purchasing institution, or for private purchasers, only. A purchase of at least one copy of the book must be made in respect of each teacher, student or private purchaser who uses the CD-ROM. The CD-ROM may be installed on individual computers or networks for use as above.

- Subject to the above, the material on the CD-ROM, in whole or in part, may not be passed in an electronic form to another party, and may not be copied (except for making one copy of the CD-ROM solely for backup or archival purposes), distributed, printed or stored electronically. It may not be posted on a public website, and may not be altered for any reason without the permission of Cambridge University Press.

- Permission is explicitly granted for use of the materials on a data projector, interactive whiteboard or other public display in the context of classroom teaching at a purchasing institution.

- Once a teacher or student ceases to be a member of the purchasing institution all copies of the material on the CD-ROM stored on his/her personal computer must be destroyed and the CD-ROM returned to the purchasing institution.

- All material contained within the CD-ROM is protected by copyright and other intellectual property laws. You may not alter, remove or destroy any copyright notice or other material placed on or with this CD-ROM.

- The CD-ROM is supplied 'as-is' with no express guarantee as to its suitability.

Contents

Advice

iii

✳ Introduction

Take advantage of the pupil CD

Cambridge Essentials Mathematics comes with a pupil CD in the back. This contains the entire book as an interactive PDF file, which you can read on your computer using free Adobe Reader software from Adobe (www.adobe.com/products/acrobat/readstep2.html). As well as the material you can see in the book, the PDF file gives you extras when you click on the buttons you will see on most pages; see the inside front cover for a brief explanation of these.

To use the CD, simply insert it into the CD or DVD drive of your computer. You will be prompted to install the contents of the CD to your hard drive. Installing will make it easier to use the PDF file, because the installer creates an icon on your desktop that launches the PDF directly. However, it will run just as well straight from the CD.

If you want to install the contents of the disc onto your hard disc yourself, this is easily done. Just open the disc contents in your file manager (for Apple Macs, double click on the CD icon on your desktop; for Windows, open My Computer and double click on your CD drive icon), select all the files and folders and copy them wherever you want.

Take advantage of the teacher CD

The *Teacher Material* CD-ROM for *Cambridge Essentials Mathematics* contains enhanced interactive PDFs. As well as all the features of the pupil PDF, teachers also have access to e-learning materials and links to the *Essentials Mathematics* Planner – a new website with a full lesson planning tool, including worksheets, homeworks, assessment materials, guidance and example lesson plans. The e-learning materials are also fully integrated into the Planner, letting you see the animations in context and alongside all the other materials.

www.cambridge.org