

Surds And Other Roots

The 16th-Century intellectual Robert Recorde is chiefly remembered for introducing the equals sign into algebra, yet the greater significance and broader scope of his work is often overlooked. This book presents an authoritative and in-depth analysis of the man, his achievements and his historical importance. This scholarly yet accessible work examines the latest evidence on all aspects of Recorde's life, throwing new light on a character deserving of greater recognition. Topics and features: presents a concise chronology of Recorde's life; examines his published works; describes Recorde's professional activities in the minting of money and the mining of silver, as well as his dispute with William Herbert, Earl of Pembroke; investigates Recorde's work as a physician, his linguistic and antiquarian interests, and his religious beliefs; discusses the influence of Recorde's publisher, Reyner Wolfe, in his life; reviews his legacy to 17th-Century science, and to modern computer science and mathematics. This book contains 70 ready-to-use mathematics lessons suitable for students aged 14-16. Some lessons offer alternative routes through the curriculum, such as practising indices by solving radical equations, while others concentrate on difficult ideas, like appreciating that not all mathematical relationships are linear. Each plan consists of a teacher's sheet, providing: • the aims

