

C3 FOR EDEXCEL – LIST OF WORKSHEETS

Rational Expressions

- A Rational expressions
- B Rational expressions – further questions
- C Mixed exam-style questions on rational expressions

Exponentials and Logarithms

- A e^x and $\ln x$
- B Mixed exam-style questions on exponentials and logarithms

Functions

- A Domain, range and values of functions
- B Composite functions
- C Inverse of a function
- D The modulus function
- E Transformations of functions
- F Transformations of functions – further questions
- G Mixed exam-style questions on functions
- H Mixed exam-style questions on functions

Trigonometry

- A Secant, cosecant and cotangent
- B Inverse trigonometric functions
- C Pythagorean identities
- D Addition and double angle formulae
- E Factor formulae
- F The expression $a \cos x + b \sin x$
- G Mixed exam-style questions on trigonometry
- H Mixed exam-style questions on trigonometry

Differentiation

- A Differentiating exponentials and logarithms
- B Differentiating exponentials and logarithms – further questions
- C The chain rule
- D The chain rule – further questions
- E The product rule
- F The quotient rule
- G The product rule and the quotient rule – further questions
- H Differentiating trigonometric functions
- I Using $dy/dx = 1 \div dx/dy$
- J Mixed exam-style questions on differentiation
- K Mixed exam-style questions on differentiation

Numerical Methods

- A Locating roots using changes of sign
- B Iterative methods of solving equations
- C Iterative methods of solving equations – further questions
- D Mixed exam-style questions on numerical methods

Proof

- A Proof
- B Mixed exam-style questions on proof