

OCR Further Pure 2 Hyperbolic functions

Section 1: Introduction to the hyperbolic functions

Crucial points

- 1. Don't get mixed up between the properties of the hyperbolic functions and the circular functions**
You are given some basic identities in your formula booklet, so if in doubt, check! If necessary go back to the definitions of $\sinh x$ and $\cosh x$ to check formulae.
- 2. Make sure that you know all the relevant techniques of differentiation and integration**
The calculus techniques you use in this unit are not new: you have used them all before in the context of different functions. If you are having any difficulty, look back to the calculus work in Core 1 to 4.