Edexcel Further Maths Applications of integration

Section 2: Mean values and general integration

Crucial points

1. **Make sure you recognise the standard integrals**
   The integrals that lead to inverse trigonometric and inverse hyperbolic functions are all in your formula book. Make sure you choose the right one.

2. **Make sure you recognise when you can use a substitution**
   Trigonometric and hyperbolic substitutions can often be used – choose an appropriate one that will simplify the integral.