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5.6 Differentiation rules

Checklist

What you should know

By the end of this subtopic you should be able to:

- find the derivatives of functions built from the basic functions defined by x^n, $\sin x$, $\cos x$, e^x and $\ln x$
  - recall the derivatives of these basic functions; these are given in the formula booklet

- use the constant factor rule, the sum rule, the chain rule, the product rule and the quotient rule when appropriate.

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