

# Integral Calculus lesson 3 - Integration of composite functions

Magic Monk Tutorials

## 1 Evaluate the following integrals:

1.1  $\int 49x^6 + 25x^4 dx$

1.2  $\int x^2 + (x - 1)^2 dx$

1.3  $\int 99\sqrt{x^3} dx$

1.4  $\int \sqrt{x} - x dx$

1.5  $\int (2x + 2)^2 dx$

1.6  $\int (x + 1)^3 dx$