

- 1) $f(x) = e^{4x} \Rightarrow F(x) = \frac{e^{4x}}{4} + c$
- 2) $f(x) = e^{9x} \Rightarrow F(x) = \frac{e^{9x}}{9} + c$
- 3) $f(x) = e^{-4x} \Rightarrow F(x) = \frac{e^{-4x}}{-4} + c$
- 4) $f(x) = \frac{1}{e^{2x}} \Rightarrow F(x) = \frac{e^{-2x}}{-2} + c$
- 5) $f(x) = \frac{1}{e^{11x}} \Rightarrow F(x) = \frac{e^{-11x}}{-11} + c$
- 6) $f(x) = e^{2x-5} \Rightarrow F(x) = \frac{e^{2x-5}}{2} + c$
- 7) $f(x) = e^{-4x-1} \Rightarrow F(x) = \frac{e^{-4x-1}}{-4} + c$
- 8) $f(x) = 3^{5x} \Rightarrow F(x) = \frac{3^{5x}}{5 \ln 3} + c$
- 9) $f(x) = 5^{9x} \Rightarrow F(x) = \frac{5^{9x}}{9 \ln 5} + c$
- 10) $f(x) = 6^{-2x} \Rightarrow F(x) = \frac{6^{-2x}}{-2 \ln 6} + c$
- 11) $f(x) = \frac{1}{4^{9x}} \Rightarrow F(x) = \frac{4^{-9x}}{-9 \ln 4} + c$
- 12) $f(x) = 2^{3x+6} \Rightarrow F(x) = \frac{2^{3x+6}}{3 \ln 2} + c$
- 13) $f(x) = 7^{3x+1} \Rightarrow F(x) = \frac{7^{3x+1}}{3 \ln 7} + c$
- 14) $f(x) = 7^{-x-5} \Rightarrow F(x) = \frac{7^{-x-5}}{-\ln 7} + c$