



- 7.  $\frac{1}{x^2} = x^{-2}$   $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
- 8.  $\frac{d}{dx} x^{-1} = -1x^{-2} = -\frac{1}{x^2}$
- 9.  $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$
- 10.  $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$
- 11.  $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$
- 12.  $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$
- 13.  $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$
- 14.  $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$
- 15.  $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$
- 16.  $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$
- 17.  $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$
- 18.  $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$
- 19.  $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$



