

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

دیکھو:

$\frac{d}{dx} x^n = n x^{n-1}$	$\frac{d}{dx} x^2 = 2x$	$\frac{d}{dx} x^3 = 3x^2$	$\frac{d}{dx} x^4 = 4x^3$	$\frac{d}{dx} x^5 = 5x^4$	$\frac{d}{dx} x^6 = 6x^5$
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