

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

4. $\frac{d}{dx} x^4 = 4x^3$ \Rightarrow $4x^3$
 $\frac{d}{dx} x^5 = 5x^4$ \Rightarrow $5x^4$
 $\frac{d}{dx} x^6 = 6x^5$ \Rightarrow $6x^5$

5. (a) $\frac{d}{dx} x^3 = 3x^2$ \Rightarrow $3x^2$
 (b) $\frac{d}{dx} x^4 = 4x^3$ \Rightarrow $4x^3$
 (c) $\frac{d}{dx} x^5 = 5x^4$ \Rightarrow $5x^4$
 (d) $\frac{d}{dx} x^6 = 6x^5$ \Rightarrow $6x^5$
 (e) $\frac{d}{dx} x^7 = 7x^6$ \Rightarrow $7x^6$
 (f) $\frac{d}{dx} x^8 = 8x^7$ \Rightarrow $8x^7$
 (g) $\frac{d}{dx} x^9 = 9x^8$ \Rightarrow $9x^8$
 (h) $\frac{d}{dx} x^{10} = 10x^9$ \Rightarrow $10x^9$
 (i) $\frac{d}{dx} x^{11} = 11x^{10}$ \Rightarrow $11x^{10}$
 (j) $\frac{d}{dx} x^{12} = 12x^{11}$ \Rightarrow $12x^{11}$
 (k) $\frac{d}{dx} x^{13} = 13x^{12}$ \Rightarrow $13x^{12}$
 (l) $\frac{d}{dx} x^{14} = 14x^{13}$ \Rightarrow $14x^{13}$
 (m) $\frac{d}{dx} x^{15} = 15x^{14}$ \Rightarrow $15x^{14}$
 (n) $\frac{d}{dx} x^{16} = 16x^{15}$ \Rightarrow $16x^{15}$
 (o) $\frac{d}{dx} x^{17} = 17x^{16}$ \Rightarrow $17x^{16}$
 (p) $\frac{d}{dx} x^{18} = 18x^{17}$ \Rightarrow $18x^{17}$
 (q) $\frac{d}{dx} x^{19} = 19x^{18}$ \Rightarrow $19x^{18}$
 (r) $\frac{d}{dx} x^{20} = 20x^{19}$ \Rightarrow $20x^{19}$
 (s) $\frac{d}{dx} x^{21} = 21x^{20}$ \Rightarrow $21x^{20}$
 (t) $\frac{d}{dx} x^{22} = 22x^{21}$ \Rightarrow $22x^{21}$
 (u) $\frac{d}{dx} x^{23} = 23x^{22}$ \Rightarrow $23x^{22}$
 (v) $\frac{d}{dx} x^{24} = 24x^{23}$ \Rightarrow $24x^{23}$
 (w) $\frac{d}{dx} x^{25} = 25x^{24}$ \Rightarrow $25x^{24}$
 (x) $\frac{d}{dx} x^{26} = 26x^{25}$ \Rightarrow $26x^{25}$
 (y) $\frac{d}{dx} x^{27} = 27x^{26}$ \Rightarrow $27x^{26}$
 (z) $\frac{d}{dx} x^{28} = 28x^{27}$ \Rightarrow $28x^{27}$
 (aa) $\frac{d}{dx} x^{29} = 29x^{28}$ \Rightarrow $29x^{28}$
 (ab) $\frac{d}{dx} x^{30} = 30x^{29}$ \Rightarrow $30x^{29}$

(a) $\frac{d}{dx} x^{15} = 15x^{14}$
 (b) $\frac{d}{dx} x^{16} = 16x^{15}$
 (c) $\frac{d}{dx} x^{17} = 17x^{16}$
 (d) $\frac{d}{dx} x^{18} = 18x^{17}$
 (e) $\frac{d}{dx} x^{19} = 19x^{18}$
 (f) $\frac{d}{dx} x^{20} = 20x^{19}$
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 (n) $\frac{d}{dx} x^{28} = 28x^{27}$
 (o) $\frac{d}{dx} x^{29} = 29x^{28}$
 (p) $\frac{d}{dx} x^{30} = 30x^{29}$

6. (a) $\frac{d}{dx} x^4 = 4x^3$ \Rightarrow $4x^3$
 (b) $\frac{d}{dx} x^5 = 5x^4$ \Rightarrow $5x^4$
 (c) $\frac{d}{dx} x^6 = 6x^5$ \Rightarrow $6x^5$
 (d) $\frac{d}{dx} x^7 = 7x^6$ \Rightarrow $7x^6$
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7. $\frac{d}{dx} x^4 = 4x^3$ \Rightarrow $4x^3$
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کے لیے اور آوازوں کے لیے، اور آپ کے لیے اور آپ کے لیے



سینئر بریکسٹ - 11:00 سے 12:30 بجے، رات 1:00 سے 3:30 بجے، رات 4:00 سے

7:45 بجے - 11:00 سے 11:30 بجے، رات 3:30 سے 4:00 بجے

پرنسپل بریکسٹ - 3:30 سے 4:00 بجے



سینئر بریکسٹ - 7:00 سے 7:45 بجے