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

1. $\frac{d}{dx} x^2 = 2x$
2. $\frac{d}{dx} x^3 = 3x^2$
3. $\frac{d}{dx} x^4 = 4x^3$
4. $\frac{d}{dx} x^5 = 5x^4$
5. $\frac{d}{dx} x^6 = 6x^5$
6. $\frac{d}{dx} x^7 = 7x^6$
7. $\frac{d}{dx} x^8 = 8x^7$
8. $\frac{d}{dx} x^9 = 9x^8$
9. $\frac{d}{dx} x^{10} = 10x^9$
10. $\frac{d}{dx} x^{11} = 11x^{10}$
11. $\frac{d}{dx} x^{12} = 12x^{11}$
12. $\frac{d}{dx} x^{13} = 13x^{12}$
13. $\frac{d}{dx} x^{14} = 14x^{13}$
14. $\frac{d}{dx} x^{15} = 15x^{14}$
15. $\frac{d}{dx} x^{16} = 16x^{15}$
16. $\frac{d}{dx} x^{17} = 17x^{16}$
17. $\frac{d}{dx} x^{18} = 18x^{17}$
18. $\frac{d}{dx} x^{19} = 19x^{18}$
19. $\frac{d}{dx} x^{20} = 20x^{19}$
20. $\frac{d}{dx} x^{21} = 21x^{20}$

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(P AP)

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2 ()
() 1.4
() 3.0

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1
 ≥ 3.0
 ≥ 22
1.4
()

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