

1. $\frac{1}{x^2} = x^{-2}$
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

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

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

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

5. $\frac{1}{x^6} = x^{-6}$
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$

6. $\frac{1}{x^7} = x^{-7}$
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$

7. $\frac{1}{x^8} = x^{-8}$
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$

8. $\frac{1}{x^9} = x^{-9}$
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$

9. $\frac{1}{x^{10}} = x^{-10}$
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$

10. $\frac{1}{x^{11}} = x^{-11}$
 $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$

11. $\frac{1}{x^{12}} = x^{-12}$
 $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$

12. $\frac{1}{x^{13}} = x^{-13}$
 $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$

13. $\frac{1}{x^{14}} = x^{-14}$
 $\frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$

14. $\frac{1}{x^{15}} = x^{-15}$
 $\frac{d}{dx} x^{-15} = -15x^{-16} = -\frac{15}{x^{16}}$

15. $\frac{1}{x^{16}} = x^{-16}$
 $\frac{d}{dx} x^{-16} = -16x^{-17} = -\frac{16}{x^{17}}$

16. $\frac{1}{x^{17}} = x^{-17}$
 $\frac{d}{dx} x^{-17} = -17x^{-18} = -\frac{17}{x^{18}}$

17. $\frac{1}{x^{18}} = x^{-18}$
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18. $\frac{1}{x^{19}} = x^{-19}$
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19. $\frac{1}{x^{20}} = x^{-20}$
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20. $\frac{1}{x^{21}} = x^{-21}$
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21. $\frac{1}{x^{22}} = x^{-22}$
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22. $\frac{1}{x^{23}} = x^{-23}$
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23. $\frac{1}{x^{24}} = x^{-24}$
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24. $\frac{1}{x^{25}} = x^{-25}$
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25. $\frac{1}{x^{26}} = x^{-26}$
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26. $\frac{1}{x^{27}} = x^{-27}$
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27. $\frac{1}{x^{28}} = x^{-28}$
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28. $\frac{1}{x^{29}} = x^{-29}$
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29. $\frac{1}{x^{30}} = x^{-30}$
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30. $\frac{1}{x^{31}} = x^{-31}$
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31. $\frac{1}{x^{32}} = x^{-32}$
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95. $\frac{1}{x^{96}} = x^{-96}$
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97. $\frac{1}{x^{98}} = x^{-98}$
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98. $\frac{1}{x^{99}} = x^{-99}$
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99. $\frac{1}{x^{100}} = x^{-100}$
 $\frac{d}{dx} x^{-100} = -100x^{-101} = -\frac{100}{x^{101}}$