

1. $D_x [f(x)^n] =$

2. $D_x [e^{f(x)}] =$

3. $D_x [\csc f(x)] =$

4. $D_x [\tan f(x)] =$

5. $D_x [f(x)g(x)] =$

6. $\ln e^{f(x)} =$

7. $D_x [\log_a f(x)] =$

8. $D_x [\log_a f(x)] =$

9. $D_x [\tan^{-1} f(x)] =$

10. $D_x [\csc^{-1} f(x)] =$

11. $D_x \left[\frac{f(x)}{g(x)} \right] =$

12. $D_x [\sin^{-1} f(x)] =$

13. $D_x [\cos f(x)] =$

14. $D_x [f(g(x))] =$

15. $e^{\ln f(x)} =$

16. $D_x [\sin f(x)] =$

17. $D_x [\cot f(x)] =$

18. $\ln e =$

19. $D_x [\ln f(x)] =$

20. $D_x [\sec f(x)] =$

21. $D_x [\cos^{-1} f(x)] =$

22. $\ln 1 =$

23. $D_x [\cot^{-1} f(x)] =$

24. $D_x [\sec^{-1} f(x)] =$

25. $D_x [a^{f(x)}] =$
