15. $f(x) = \frac{1}{3}\, e^{3-x}$

16. $f(x) = e^{\sqrt{x}}$

17. $f(x) = 2^{3x^2 + 6x}$

18. $f(x) = \left(\frac{1}{2}\right)^{-\ln 2x}$

19. $f(s) = (7s^2 + 6s - 1)^3 + 2e^{-3s}$

20. $f(t) = \frac{e^{-t^2} + 1}{t}$

21. $f(t) = e^{t/2}\,(t^2 + 5t)$

22. $f(t) = \frac{\sqrt{e^t - 1}}{\sqrt{e^t + 1}}$

23. $f(x) = \log_2 (2x + 4)$

24. $f(x) = \frac{1}{a}\,(bx^2 + c) - \ln x$

25. $f(s) = \log_3 \sqrt{s + 1}$

26. $f(x) = \frac{1}{2} \ln (7x^2 - 4)$

27. $f(x) = \ln \left(\frac{1}{x} + \frac{1}{x^2}\right)$

28. $f(x) = \ln \left(\frac{1 + x}{1 - x}\right)$

29. $f(x) = \frac{a^{3x}}{b^{3x^2 - 6x}}$

30. $f(t) = \left(\frac{a}{b}\right)^{\sqrt{t}}$

31. $f(t) = (2t + 1)^{t^2 - 1}$

32. $f(x) = (e^{x^2} + 4)^{\sqrt{x}}$

33. $f(s) = \frac{1}{2}\,(a + bs)^{\ln(a + bs)}$

34. $f(x) = \operatorname{sen} (2x + 4)$

35. $f(u) = \cos (\pi/2 - u)$

36. $f(\theta) = 2 \cos (2\,\theta^2 - 3\,\theta + 1)$

37. $f(\theta) = 2 \cos \theta^2 \cdot \operatorname{sen} 2\,\theta$

38. $f(\alpha) = \frac{1 + \cos 2\,\alpha}{2}$

39. $f(x) = \operatorname{sen}^3 (3x^2 + 6x)$

40. $f(\theta) = \operatorname{sen}^2 \theta + \cos^2 \theta$

41. $f(x) = 3\text{tg}\,(2x + 1) + \sqrt{x}$

42. $f(s) = \text{cotg}^4\,(2s - 3)^2$

43. $f(x) = \dfrac{3\,\sec^2 x}{x}$

44. $f(x) = \left(\dfrac{1}{\text{sen}\,x}\right)^2$

45. $f(x) = e^{2x}\cos 3x$

46. $f(x) = \dfrac{\text{sen}\,(x + 1)}{e^x}$

47. $f(\theta) = -\,\text{cosec}^2\,\theta^3$

48. $f(x) = \text{sen}^2\,(x/2)\cos^2\,(x/2)$

49. $f(x) = a\sqrt{\cos bx}$

50. $f(t) = \ln \cos^2 t$

51. $f(u) = (u\,\text{tg}\,u)^2$

52. $f(x) = \log_2\,(3x - \cos 2x)$

53. $f(\theta) = a^{\,\text{cotg}\,\theta}$, $a > 0$

54. $f(t) = e^{2\cos 2t}$

55. $f(x) = (\text{arc sen}\,x)^2$

56. $f(x) = \text{arc cos}\,\dfrac{2x}{3}$

57. $f(t) = t\,\text{arc cos}\,3t$

58. $f(s) = \dfrac{\text{arc sen}\;s/2}{s + 1}$

59. $f(t) = \text{arc cos}\,(\text{sen}\,t)$

60. $f(x) = \text{arc tg}\,\dfrac{1}{1 - x^2}$

61. $f(x) = \text{arc sec}\,\sqrt{x}$

62. $f(x) = \text{senh}\,(2x - 1)$

63. $f(t) = t^2\,\text{arc cosec}\,(2t + 3)$

64. $f(t) = \ln\,[\cosh\,(t^2 - 1)]$

65. $f(x) = \dfrac{\ln\,(\text{sen}\;hx)}{x}$

66. $f(t) = \text{tgh}\,(4t^2 - 3)^2$

67. $f(t) = [\text{cotgh}\,(t + 1)^2\,]^{1/2}$

68. $f(x) = \text{sech}\,[\ln x]$