- $f_1(x) = 3x$
- $f_2(x) = \dfrac{3}{2}x - 3$
- $f_3(x) = x^5 - x^2$
- $f_4(x) = 2x^5 - x^2 + 3$

- $f_5(x) = x^{14} + x^3 - x^2 + 3x + 2$
- $f_6(x) = 7x^9 - 2x^4 + \dfrac{3}{2}x^2 - 7x - 36$

- $f_7(x) = (x+1)(x-3)$
- $f_8(x) = (x^2 + 3x - 1)(-5x + 1)$
- $f_9(x) = (\dfrac{1}{2}x^2 + 3)(4x - 1)$

- $f_{10}(x) = \dfrac{1}{x}$
- $f_{11}(x) = \dfrac{1}{x^3}$
- $f_{12}(x) = \dfrac{1}{x^7}$
- $f_{13}(x) = \dfrac{1}{2x}$

- $f_{14}(x) = \dfrac{3}{5x^4}$
- $f_{15}(x) = x + \dfrac{1}{x}$
- $f_{16}(x) = \dfrac{8}{3}x^3 + \dfrac{1}{2x}$
- $f_{17}(x) = \dfrac{1}{2}x^{14} - 2 + \dfrac{1}{2x}$

- $f_{18}(x) = \dfrac{3}{x+2}$
- $f_{19}(x) = \dfrac{x+2}{x+3}$
- $f_{20}(x) = \dfrac{3x-4}{-2x+3}$
- $f_{21}(x) = \dfrac{x^2 - 3x + 2}{x+1}$

- $f_{22}(x) = 2\sqrt{x}$
- $f_{23}(x) = (x+1)^2$
- $f_{24}(x) = \dfrac{(2x+1)(x+3)}{x+1}$

---

- $f_1'(x) = 3$
- $f_2'(x) = \dfrac{3}{2}$
- $f_3'(x) = 5x^4 - 2x$
- $f_4'(x) = 10x^4 - 2x$

- $f_5'(x) = 14x^{13} + 3x^2 - 2x + 3$
- $f_6'(x) = 63x^8 - 8x^3 + 3x - 7$

- $f_7'(x) = 2x - 2$
- $f_8'(x) = 15x^2 - 28x + 8$
- $f_9'(x) = 6x^2 - x + 12$

- $f_{10}'(x) = -\dfrac{1}{x^2}$
- $f_{11}'(x) = -\dfrac{3}{x^4}$
- $f_{12}'(x) = -\dfrac{7}{x^8}$
- $f_{13}'(x) = -\dfrac{1}{2x^2}$

- $f_{14}'(x) = -\dfrac{12}{5x^5}$
- $f_{15}'(x) = 1 - \dfrac{1}{x^2}$
- $f_{16}'(x) = 8x^2 - \dfrac{1}{2x^2}$
- $f_{17}'(x) = 7x^{13} - \dfrac{1}{2x^2}$

- $f_{18}'(x) = -\dfrac{3}{(x+2)^2}$
- $f_{19}'(x) = \dfrac{1}{(x+3)^2}$
- $f_{20}'(x) = \dfrac{1}{(-2x+3)^2}$
- $f_{21}'(x) = \dfrac{x^2 + 2x - 5}{(x+1)^2}$

- $f_{22}'(x) = \dfrac{1}{\sqrt{x}}$
- $f_{23}'(x) = 2(x+1)$
- $f_{24}'(x) = \dfrac{2x^2 + 4x + 4}{(x+1)^2}$