$$
\begin{aligned}
f_1(y) &= \frac{y^3}{y(2+y)^3} \\
f_2(y) &= \frac{y^2 - 3/y}{y(y+1/y)} \\
f_3(y) &= \frac{2y}{1+y+y^2} \\
f_4(x) &= x^3\sqrt{2x^4+5} \\
f_5(x) &= \frac{\cos(x)}{\sin(x)} \\
f_6(x) &= \frac{\exp(3x)}{(2+\exp(x))^3} \\
f_7(x) &= \frac{2x}{x^2+1} \\
f_8(x) &= \frac{1}{1+x+\sqrt{x}} \\
f_9(x) &= x\exp(-x^2) \\
f_{10}(x) &= \frac{\log(x)}{x} \\
f_{11}(x) &= \frac{\exp(2x) - 3\exp(-x)}{\exp(x)+\exp(-x)} \\
f_{12}(x) &= \sin^4(x)\cos^3(x) \\
f_{13}(x) &= \sin^5(x) \\
f_{14}(x) &= \cos^2(x)
\end{aligned}
$$