$$\int_{dx} R\left(x{:}\left(\frac{ax+b}{cx+d}\right)^{1/n}\right) = n\,(ad-bc)\int_{dt} R\left(\frac{b-dt^n}{ct^n-a}{:}t\right)\frac{t^{n-1}}{\left(ct^n-a\right)^2}\ \text{rat}$$

$$t=\left(\frac{ax+b}{cx+d}\right)^{1/n} \Longrightarrow \begin{cases} x=\dfrac{b-dt^n}{ct^n-a} \\ dx=n\,(ad-bc)\,\dfrac{t^{n-1}}{\left(ct^n-a\right)^2}dt \end{cases}$$

$$\left(\frac{2x-1}{3-5x}\right)^{1/3}\lceil$$

$$x\sqrt{\frac{x+1}{x-2}}\lceil\frac{2x+7}{4}\sqrt{x^2-x-2}+\frac{15}{8}\,{}^{x+\sqrt{x^2-x-2}-1/2}\not{\epsilon}:\quad x\sqrt{\frac{x+2}{x-2}}\lceil$$

$$\frac{1}{x}\sqrt{\frac{x+2}{x-2}}\lceil\frac{x+4}{2}\sqrt{x^2-4}+2^{\,x+\sqrt{x^2-4}}\not{\epsilon}$$

$$\frac{1}{x}\left(\frac{x-1}{x+1}\right)^{1/3}\lceil$$