

Integration by Substitution

In problems 1-10, find the indefinite integral

1. $\int (8(8x+2)^5) dx$	2. $\int (2x(x^2-3)^8) dx$
3. $\int ((2x-4)(x^2-4x+2)^4) dx$	4. $\int ((6x-7)\sqrt{3x^2-7x+2}) dx$
5. $\int ((8x+5)^6) dx$	6. $\int (4(3x-4)^{10}) dx$
7. $\int \left(\frac{x-1}{(2x^2-4x+1)^7} \right) dx$	8. $\int (\sqrt[5]{8x-1}) dx$
9. $\int \left(\frac{4}{\sqrt[3]{8x-1}} \right) dx$	10. $\int \left(\frac{1}{\sqrt[8]{3x-2}} \right) dx$